

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081925\
 Data File : BF143465.D
 Acq On : 19 Aug 2025 19:53
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Aug 20 01:13:06 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 18 04:40:19 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	141622	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	548647	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	311599	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	482835	20.000	ng	0.00
76) Chrysene-d12	14.092	240	238533	20.000	ng	0.00
86) Perylene-d12	15.580	264	315648	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	649496	79.722	ng	0.00
7) Phenol-d6	6.569	99	802783	78.189	ng	0.01
23) Nitrobenzene-d5	7.492	82	749350	81.046	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	233729	84.273	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	1425158	76.929	ng	0.00
79) Terphenyl-d14	13.027	244	1189246	83.752	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.734	88	148808	37.946	ng	99
3) Pyridine	3.522	79	402816	39.164	ng	98
4) n-Nitrosodimethylamine	3.457	42	181558	37.978	ng	99
6) Aniline	6.593	93	541689	38.863	ng	# 85
8) 2-Chlorophenol	6.722	128	363085	40.367	ng	97
9) Benzaldehyde	6.481	77	212502	38.906	ng	97
10) Phenol	6.581	94	463778	38.710	ng	87
11) bis(2-Chloroethyl)ether	6.657	93	348060	39.192	ng	99
12) 1,3-Dichlorobenzene	6.875	146	401402	39.839	ng	99
13) 1,4-Dichlorobenzene	6.945	146	399806	39.746	ng	99
14) 1,2-Dichlorobenzene	7.098	146	379025	39.450	ng	99
15) Benzyl Alcohol	7.069	79	321202	42.422	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.198	45	574326	37.828	ng	88
17) 2-Methylphenol	7.187	107	293360	39.975	ng	95
18) Hexachloroethane	7.440	117	136440	39.849	ng	99
19) n-Nitroso-di-n-propyla...	7.340	70	250759	39.451	ng	98
20) 3+4-Methylphenols	7.340	107	352647	40.197	ng	94
22) Acetophenone	7.334	105	463004	39.250	ng	99
24) Nitrobenzene	7.510	77	391968	40.562	ng	97
25) Isophorone	7.751	82	709493	40.093	ng	99
26) 2-Nitrophenol	7.828	139	202641	45.235	ng	97
27) 2,4-Dimethylphenol	7.863	122	300251	39.641	ng	99
28) bis(2-Chloroethoxy)met...	7.951	93	435876	40.073	ng	100
29) 2,4-Dichlorophenol	8.075	162	320061	41.452	ng	99
30) 1,2,4-Trichlorobenzene	8.151	180	319413	40.374	ng	99
31) Naphthalene	8.234	128	1037253	39.822	ng	100
32) Benzoic acid	7.981	122	169803	43.106	ng	97
33) 4-Chloroaniline	8.281	127	384279	40.872	ng	98
34) Hexachlorobutadiene	8.351	225	210545	41.735	ng	99
35) Caprolactam	8.651	113	93712	42.156	ng	95
36) 4-Chloro-3-methylphenol	8.763	107	326982	41.119	ng	99
37) 2-Methylnaphthalene	8.922	142	704960	40.152	ng	100
38) 1-Methylnaphthalene	9.022	142	680707	40.466	ng	100
40) 1,2,4,5-Tetrachloroben...	9.092	216	347121	39.945	ng	99
41) Hexachlorocyclopentadiene	9.081	237	112754	39.240	ng	99
43) 2,4,6-Trichlorophenol	9.204	196	226056	41.701	ng	98

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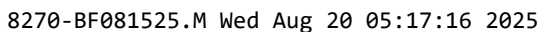
Instrument :
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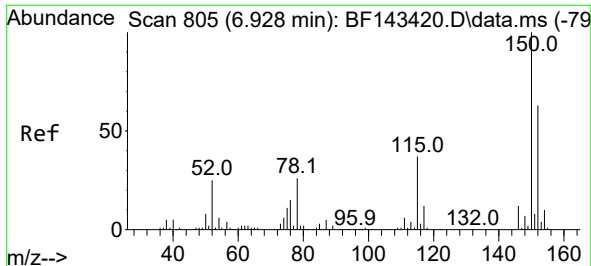
Quant Time: Aug 20 01:13:06 2025
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.245	196	236288	40.664	ng	97
46) 1,1'-Biphenyl	9.386	154	857883	39.184	ng	99
47) 2-Chloronaphthalene	9.410	162	676063	39.120	ng	99
48) 2-Nitroaniline	9.504	65	210143	40.861	ng	94
49) Acenaphthylene	9.828	152	978163	39.202	ng	100
50) Dimethylphthalate	9.675	163	779522	40.126	ng	100
51) 2,6-Dinitrotoluene	9.745	165	166046	43.358	ng	94
52) Acenaphthene	9.998	154	665011	39.626	ng	100
53) 3-Nitroaniline	9.916	138	178756	41.903	ng	97
54) 2,4-Dinitrophenol	10.022	184	72372	43.488	ng	94
55) Dibenzofuran	10.169	168	950232	39.251	ng	99
56) 4-Nitrophenol	10.081	139	104819	39.083	ng	98
57) 2,4-Dinitrotoluene	10.145	165	223624	43.798	ng	99
58) Fluorene	10.516	166	718356	38.624	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.292	232	187402	42.605	ng	99
60) Diethylphthalate	10.381	149	713068	39.720	ng	99
61) 4-Chlorophenyl-phenyle...	10.504	204	370327	40.274	ng	96
62) 4-Nitroaniline	10.528	138	162281	40.677	ng	99
63) Azobenzene	10.663	77	707214	38.977	ng	100
65) 4,6-Dinitro-2-methylph...	10.563	198	112171	45.026	ng	95
66) n-Nitrosodiphenylamine	10.622	169	619911	39.486	ng	99
67) 4-Bromophenyl-phenylether	10.992	248	232380	40.757	ng	99
68) Hexachlorobenzene	11.069	284	244677	40.366	ng	96
69) Atrazine	11.145	200	188697	41.093	ng	99
70) Pentachlorophenol	11.263	266	112651	42.261	ng	99
71) Phenanthrene	11.475	178	1008081	38.555	ng	99
72) Anthracene	11.528	178	1021293	38.673	ng	99
73) Carbazole	11.680	167	840465	37.630	ng	100
74) Di-n-butylphthalate	12.004	149	916825	41.221	ng	100
75) Fluoranthene	12.663	202	867824	37.354	ng	100
77) Benzidine	12.780	184	267385	37.538	ng	99
78) Pyrene	12.892	202	859778	41.470	ng	99
80) Butylbenzylphthalate	13.498	149	243008	47.322	ng	100
81) Benzo(a)anthracene	14.080	228	609614	40.142	ng	99
82) 3,3'-Dichlorobenzidine	14.033	252	194819	43.815	ng	100
83) Chrysene	14.116	228	547981	39.031	ng	100
84) Bis(2-ethylhexyl)phtha...	14.057	149	345222	47.337	ng	100
85) Di-n-octyl phthalate	14.668	149	686228	46.393	ng	99
87) Indeno(1,2,3-cd)pyrene	17.110	276	918539	38.805	ng	99
88) Benzo(b)fluoranthene	15.145	252	684374	40.454	ng	99
89) Benzo(k)fluoranthene	15.168	252	613134	36.745	ng	99
90) Benzo(a)pyrene	15.515	252	638063	39.599	ng	99
91) Dibenzo(a,h)anthracene	17.121	278	736384	38.739	ng	99
92) Benzo(g,h,i)perylene	17.568	276	735937	38.755	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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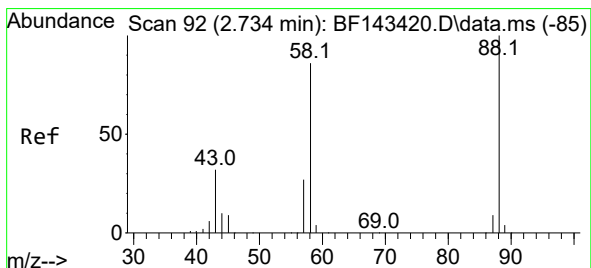
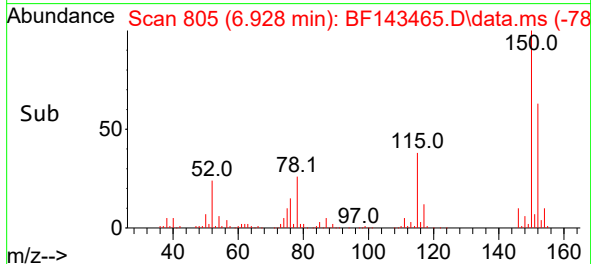
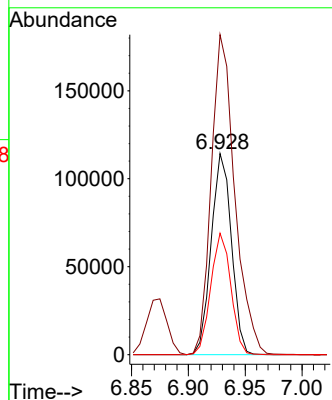
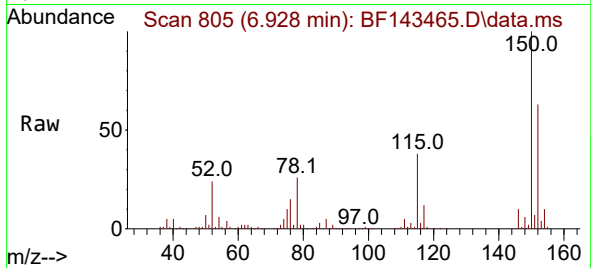




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.928 min Scan# 805
 Delta R.T. -0.000 min
 Lab File: BF143465.D
 Acq: 19 Aug 2025 19:53

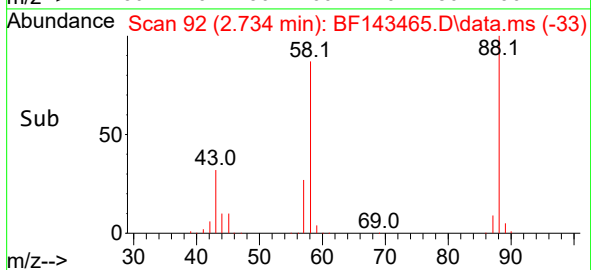
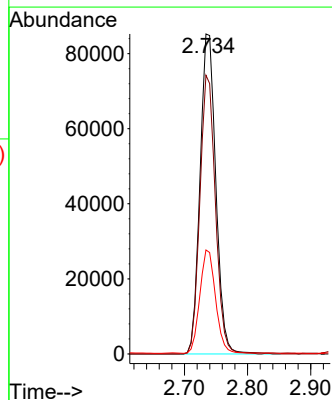
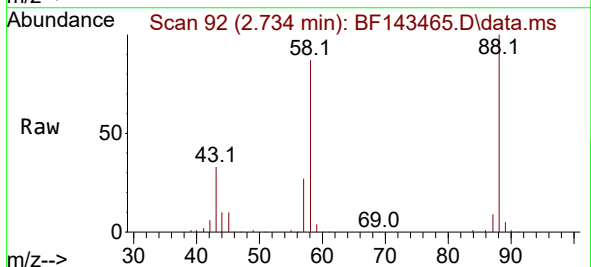
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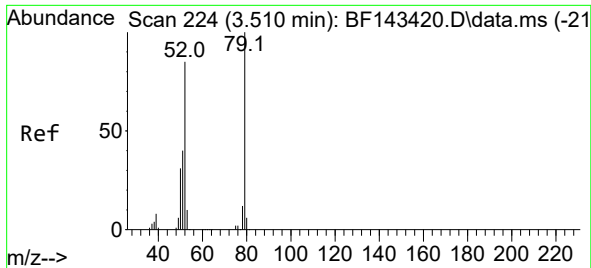
Tgt Ion:152 Resp: 141622
 Ion Ratio Lower Upper
 152 100
 150 159.0 127.4 191.2
 115 60.4 47.5 71.3



#2
 1,4-Dioxane
 Concen: 37.946 ng
 RT: 2.734 min Scan# 92
 Delta R.T. -0.000 min
 Lab File: BF143465.D
 Acq: 19 Aug 2025 19:53

Tgt Ion: 88 Resp: 148808
 Ion Ratio Lower Upper
 88 100
 58 85.4 68.7 103.1
 43 31.9 26.1 39.1





#3

Pyridine

Concen: 39.164 ng

RT: 3.522 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF143465.D

Acq: 19 Aug 2025 19:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

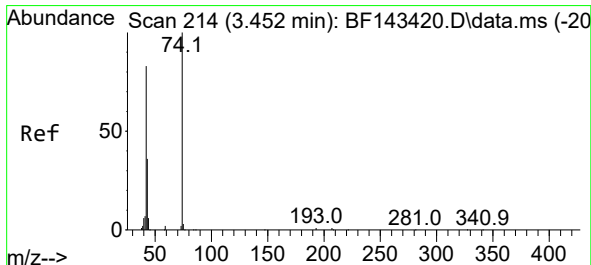
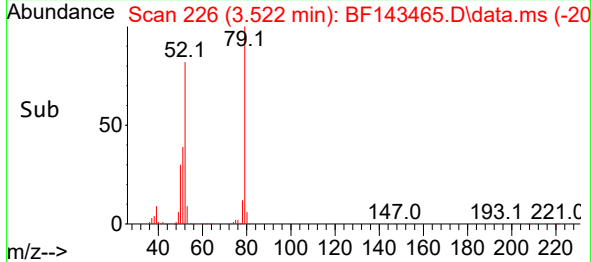
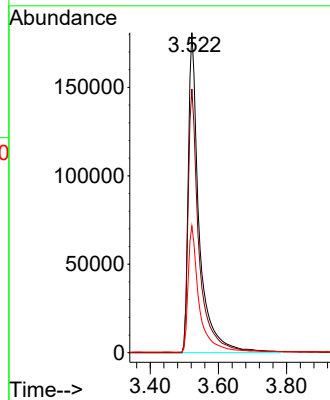
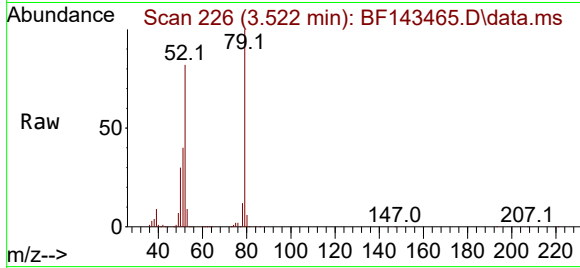
Tgt Ion: 79 Resp: 402816

Ion Ratio Lower Upper

79 100

52 82.4 67.7 101.5

51 39.6 32.3 48.5



#4

n-Nitrosodimethylamine

Concen: 37.978 ng

RT: 3.457 min Scan# 215

Delta R.T. 0.006 min

Lab File: BF143465.D

Acq: 19 Aug 2025 19:53

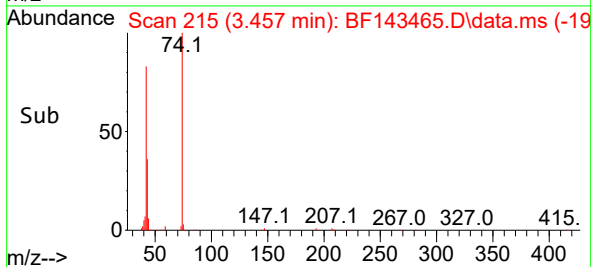
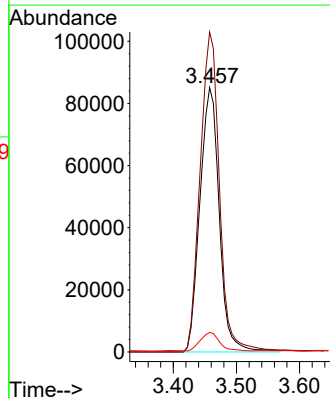
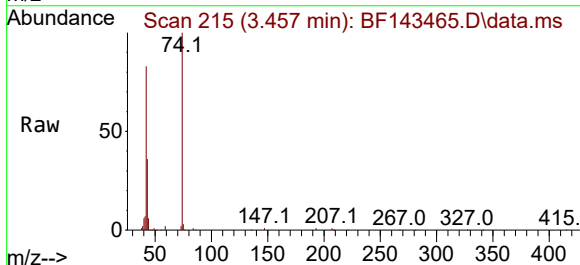
Tgt Ion: 42 Resp: 181558

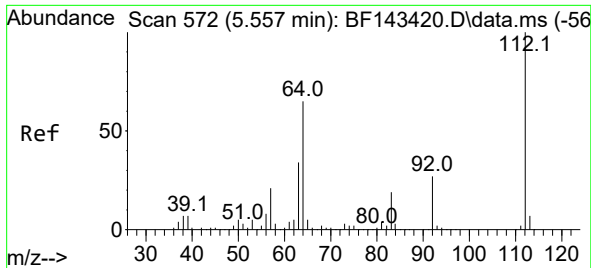
Ion Ratio Lower Upper

42 100

74 121.1 96.2 144.4

44 7.4 5.9 8.9

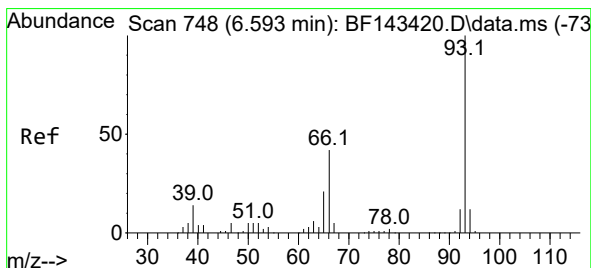
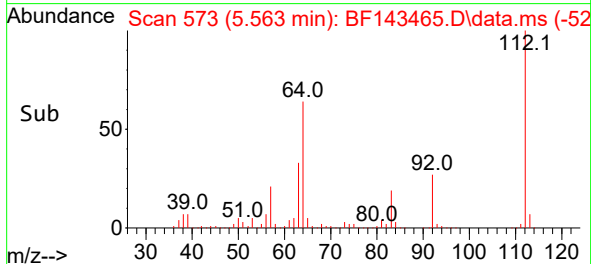
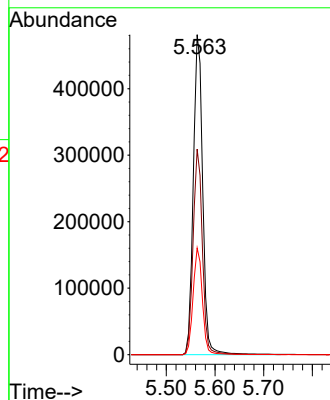
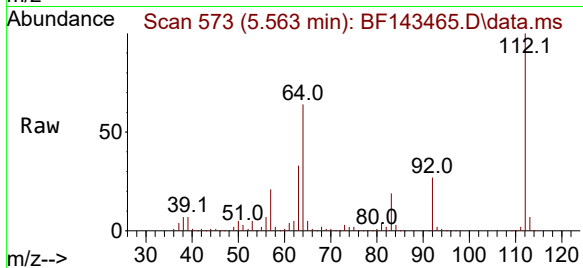




#5
2-Fluorophenol
Concen: 79.722 ng
RT: 5.563 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF143465.D
Acq: 19 Aug 2025 19:53

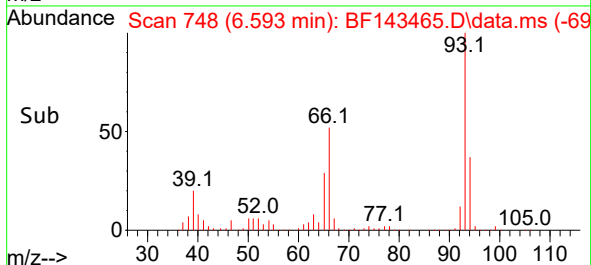
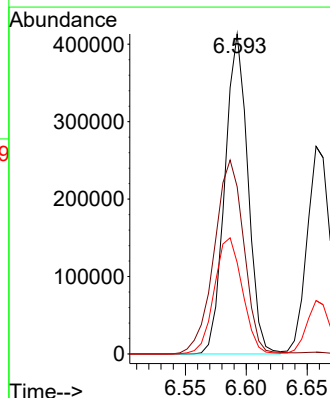
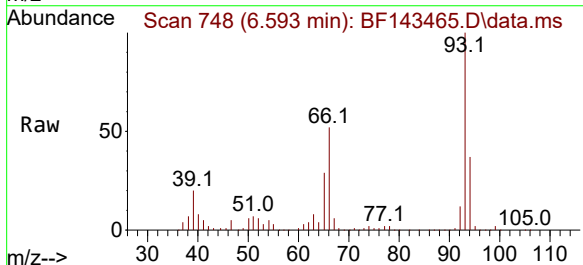
Instrument :
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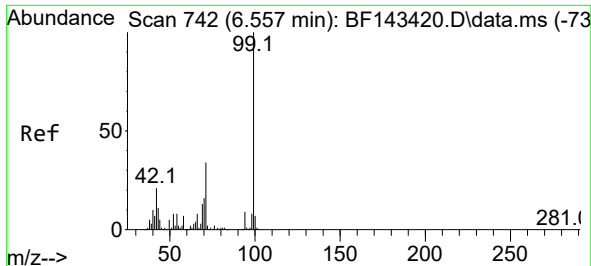
Tgt Ion:112 Resp: 649496
Ion Ratio Lower Upper
112 100
64 64.3 52.2 78.2
63 33.4 27.0 40.6



#6
Aniline
Concen: 38.863 ng
RT: 6.593 min Scan# 748
Delta R.T. -0.000 min
Lab File: BF143465.D
Acq: 19 Aug 2025 19:53

Tgt Ion: 93 Resp: 541689
Ion Ratio Lower Upper
93 100
66 52.2 33.8 50.8#
65 28.6 17.2 25.8#

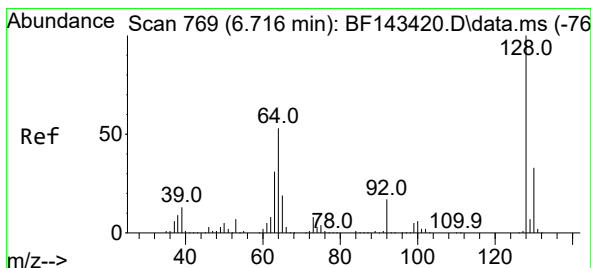
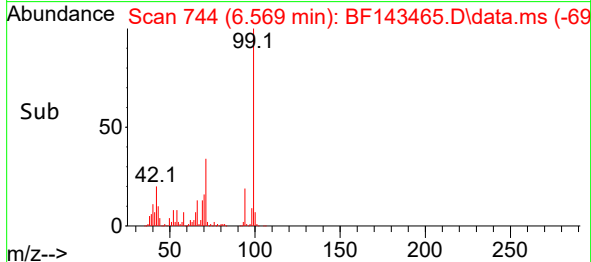
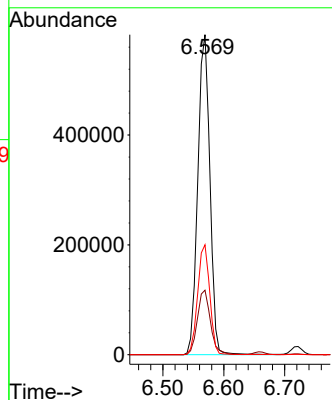
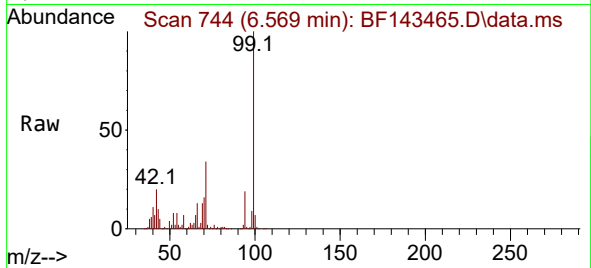




#7
Phenol-d6
Concen: 78.189 ng
RT: 6.569 min Scan# 742
Delta R.T. 0.012 min
Lab File: BF143465.D
Acq: 19 Aug 2025 19:53

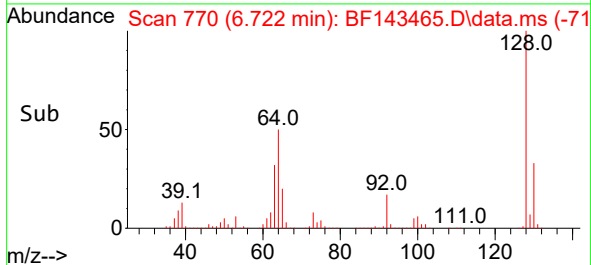
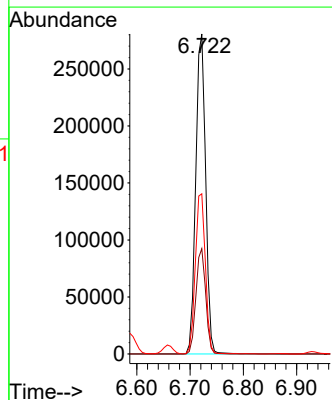
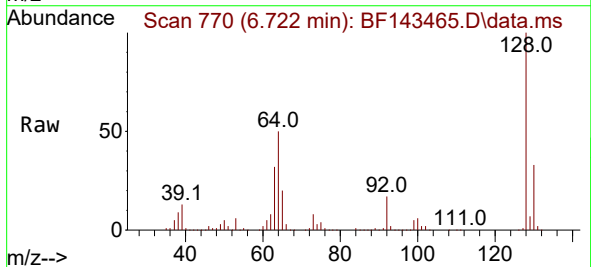
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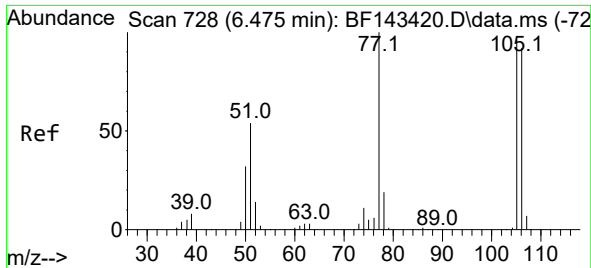
Tgt Ion: 99 Resp: 802783
Ion Ratio Lower Upper
99 100
42 20.1 17.0 25.6
71 34.4 27.4 41.2



#8
2-Chlorophenol
Concen: 40.367 ng
RT: 6.722 min Scan# 770
Delta R.T. 0.006 min
Lab File: BF143465.D
Acq: 19 Aug 2025 19:53

Tgt Ion: 128 Resp: 363085
Ion Ratio Lower Upper
128 100
130 32.9 12.9 52.9
64 50.0 33.1 73.1





#9

Benzaldehyde

Concen: 38.906 ng

RT: 6.481 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF143465.D

Acq: 19 Aug 2025 19:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

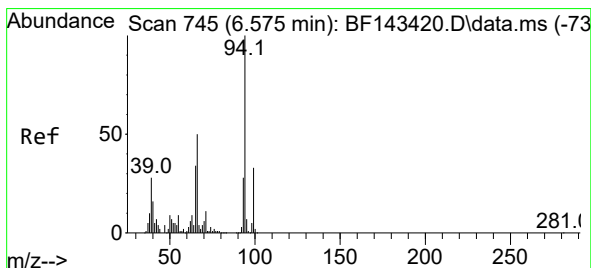
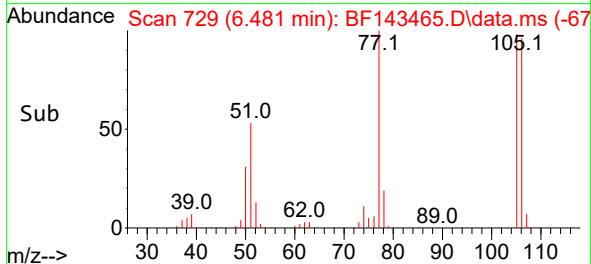
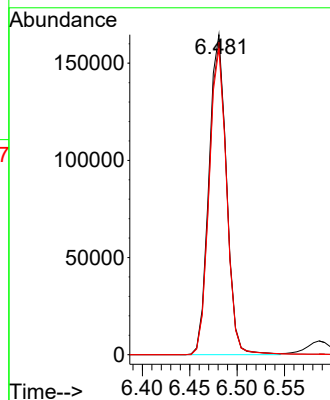
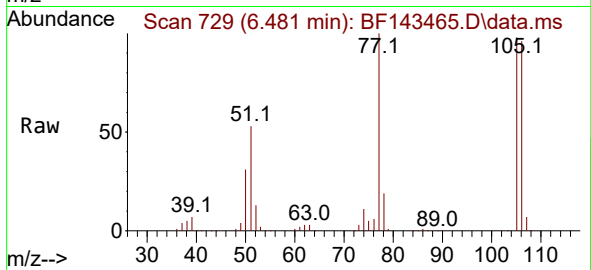
Tgt Ion: 77 Resp: 212502

Ion Ratio Lower Upper

77 100

105 97.6 75.5 115.5

106 95.7 72.0 112.0



#10

Phenol

Concen: 38.710 ng

RT: 6.581 min Scan# 746

Delta R.T. 0.006 min

Lab File: BF143465.D

Acq: 19 Aug 2025 19:53

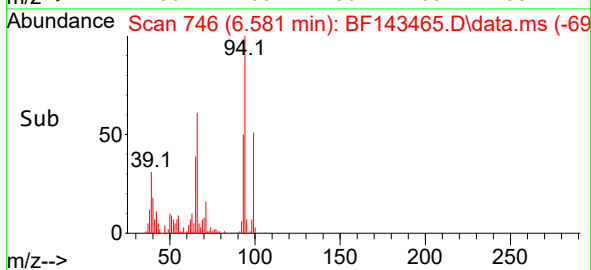
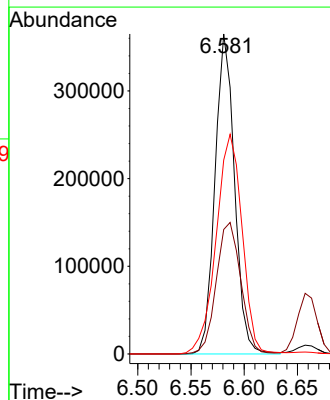
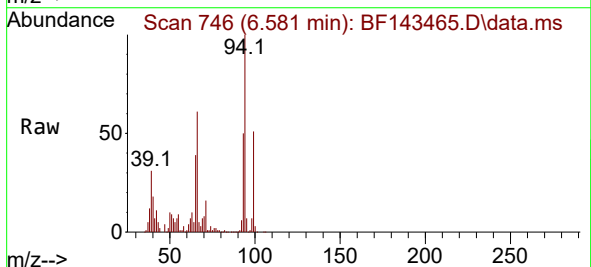
Tgt Ion: 94 Resp: 463778

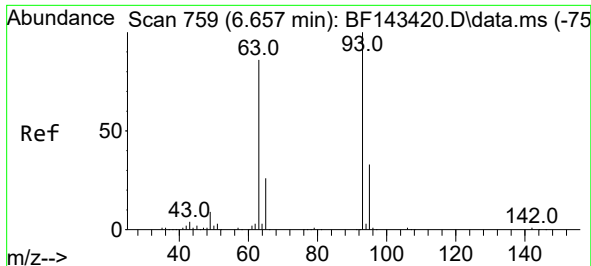
Ion Ratio Lower Upper

94 100

65 38.9 13.7 53.7

66 60.6 30.3 70.3

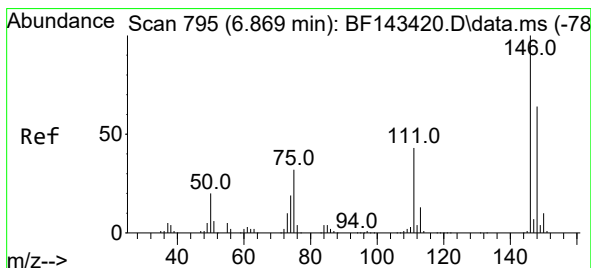
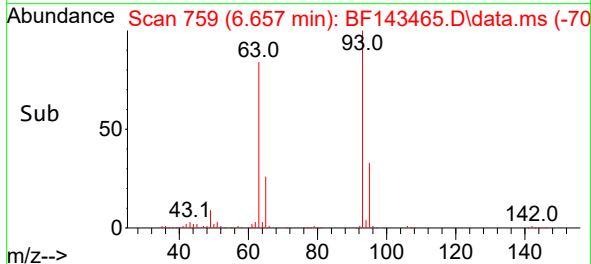
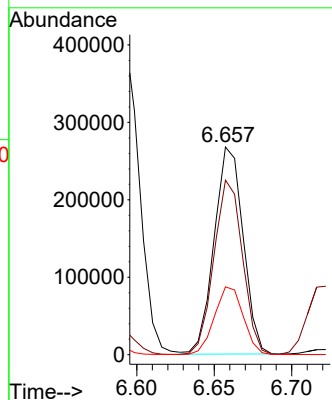
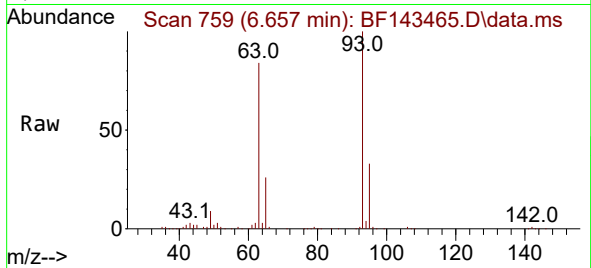




#11
bis(2-Chloroethyl)ether
Concen: 39.192 ng
RT: 6.657 min Scan# 711
Delta R.T. -0.000 min
Lab File: BF143465.D
Acq: 19 Aug 2025 19:53

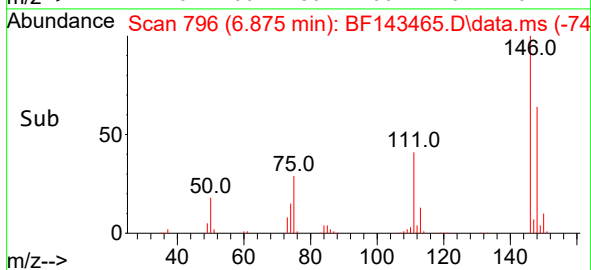
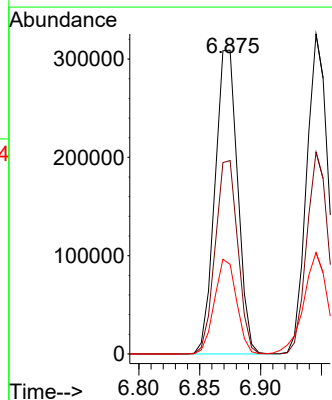
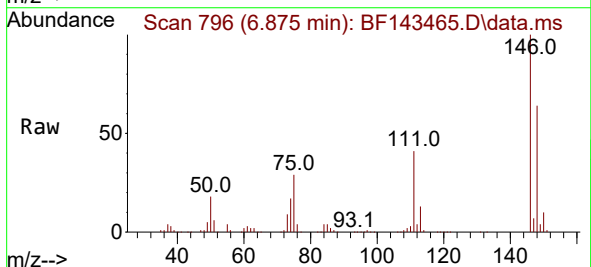
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

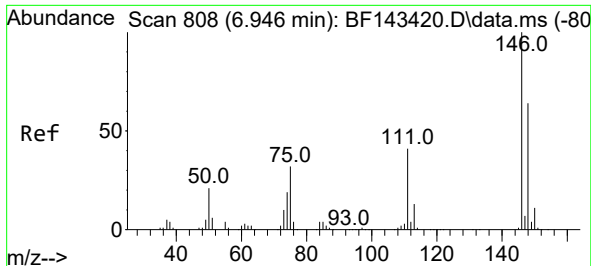
Tgt Ion: 93 Resp: 348060
Ion Ratio Lower Upper
93 100
63 84.1 65.4 105.4
95 32.7 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 39.839 ng
RT: 6.875 min Scan# 796
Delta R.T. 0.006 min
Lab File: BF143465.D
Acq: 19 Aug 2025 19:53

Tgt Ion:146 Resp: 401402
Ion Ratio Lower Upper
146 100
148 63.7 51.0 76.4
75 29.5 25.3 37.9

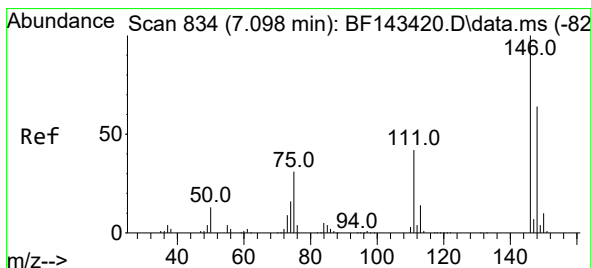
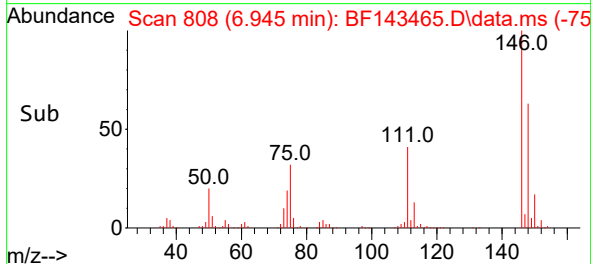
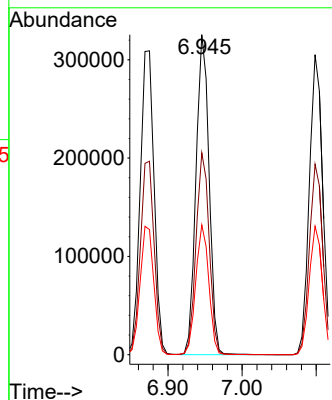
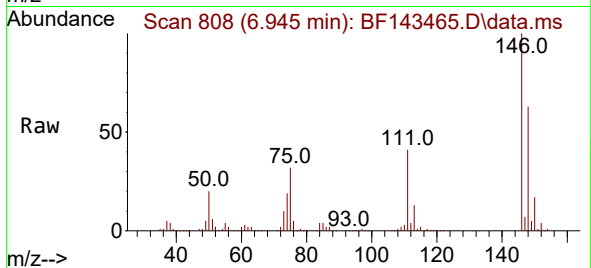




#13
1,4-Dichlorobenzene
Concen: 39.746 ng
RT: 6.945 min Scan# 808
Delta R.T. -0.000 min
Lab File: BF143465.D
Acq: 19 Aug 2025 19:53

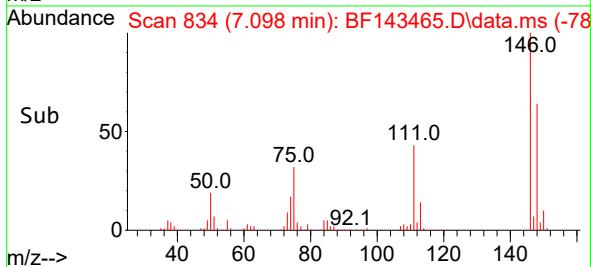
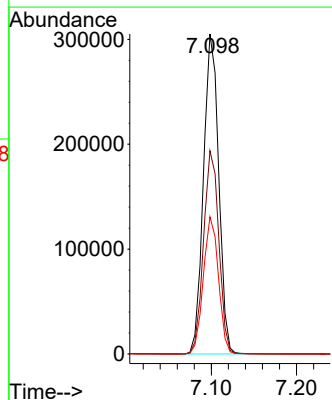
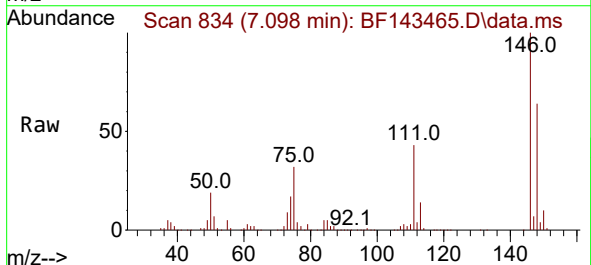
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

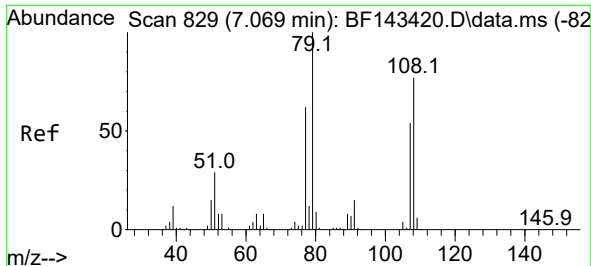
Tgt Ion:146 Resp: 399806
Ion Ratio Lower Upper
146 100
148 63.1 51.1 76.7
111 40.6 32.5 48.7



#14
1,2-Dichlorobenzene
Concen: 39.450 ng
RT: 7.098 min Scan# 834
Delta R.T. -0.000 min
Lab File: BF143465.D
Acq: 19 Aug 2025 19:53

Tgt Ion:146 Resp: 379025
Ion Ratio Lower Upper
146 100
148 63.5 51.4 77.0
111 42.8 33.9 50.9

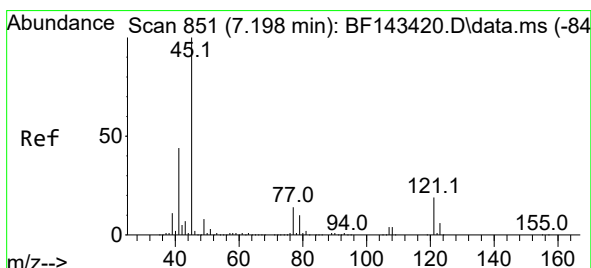
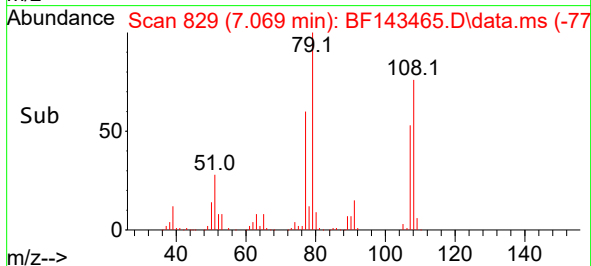
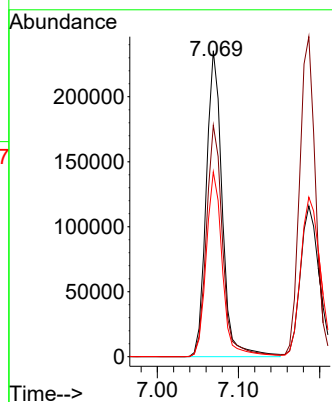
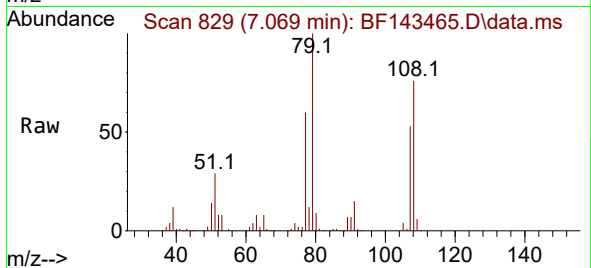




#15
Benzyl Alcohol
Concen: 42.422 ng
RT: 7.069 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF143465.D
Acq: 19 Aug 2025 19:53

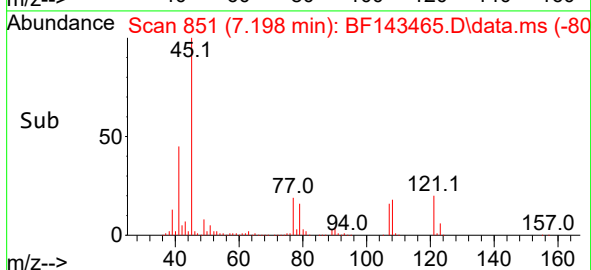
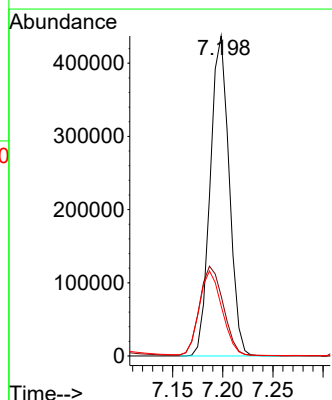
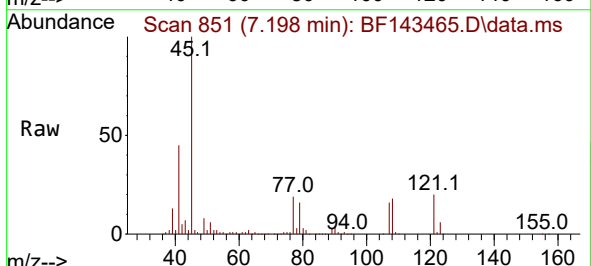
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

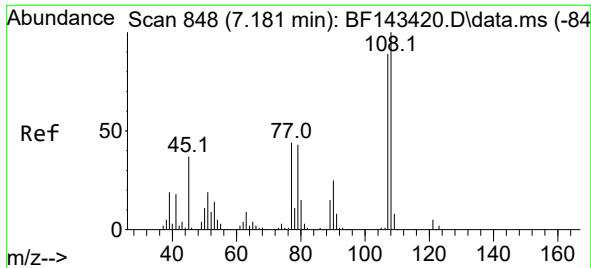
Tgt Ion: 79 Resp: 321202
Ion Ratio Lower Upper
79 100
108 75.6 61.9 92.9
77 60.4 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.828 ng
RT: 7.198 min Scan# 851
Delta R.T. -0.000 min
Lab File: BF143465.D
Acq: 19 Aug 2025 19:53

Tgt Ion: 45 Resp: 574326
Ion Ratio Lower Upper
45 100
77 18.8 0.0 33.9
79 15.6 0.0 30.7

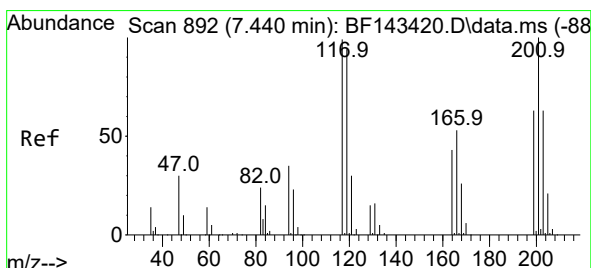
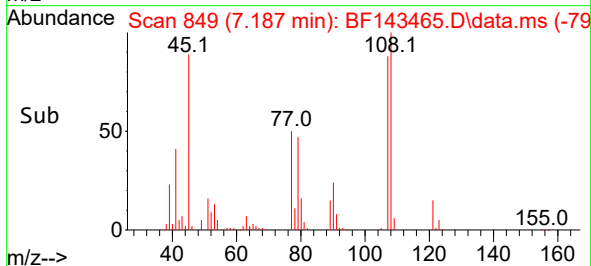
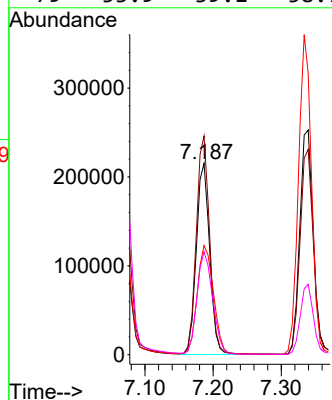
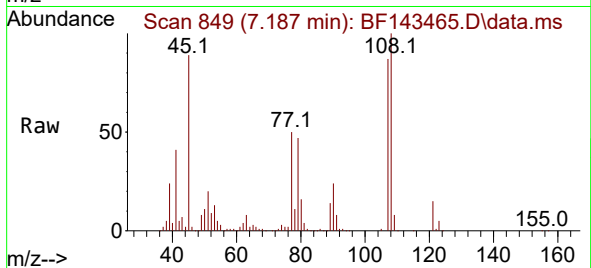




#17
2-Methylphenol
Concen: 39.975 ng
RT: 7.187 min Scan# 849
Delta R.T. 0.006 min
Lab File: BF143465.D
Acq: 19 Aug 2025 19:53

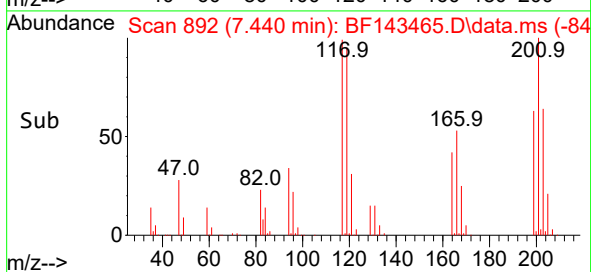
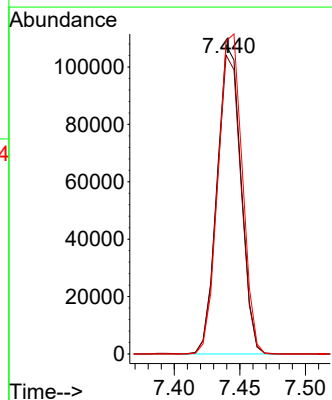
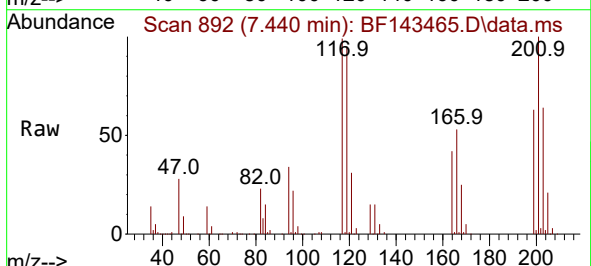
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

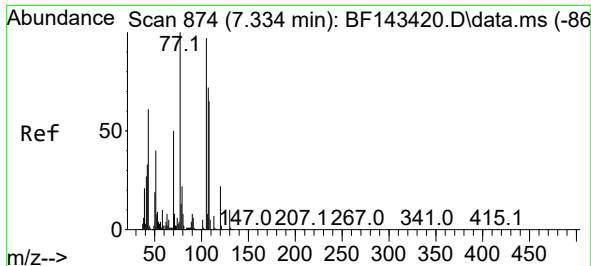
Tgt Ion:	107	Resp:	293360
Ion	Ratio	Lower	Upper
107	100		
108	114.4	90.1	135.1
77	57.0	39.9	59.9
79	53.9	39.1	58.7



#18
Hexachloroethane
Concen: 39.849 ng
RT: 7.440 min Scan# 892
Delta R.T. -0.000 min
Lab File: BF143465.D
Acq: 19 Aug 2025 19:53

Tgt Ion:	117	Resp:	136440
Ion	Ratio	Lower	Upper
117	100		
119	96.7	76.6	114.8
201	101.3	81.0	121.4



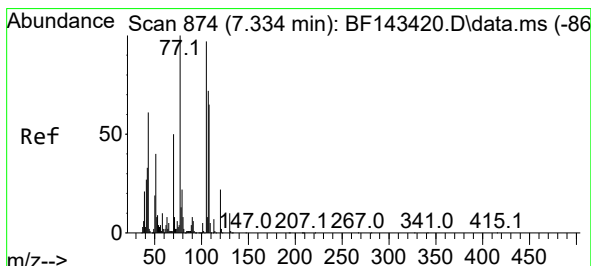
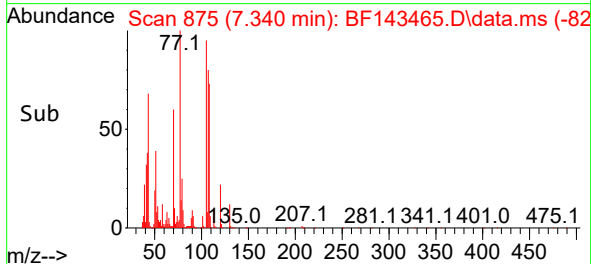
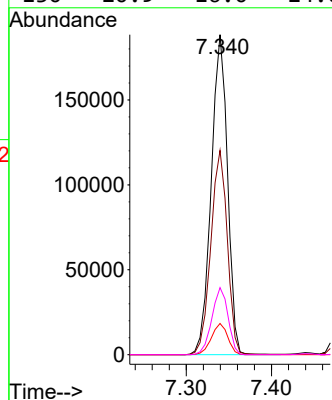
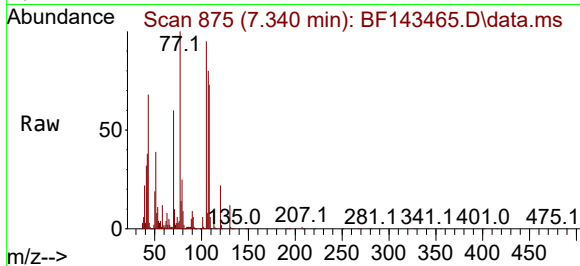


#19
n-Nitroso-di-n-propylamine
Concen: 39.451 ng
RT: 7.340 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF143465.D
Acq: 19 Aug 2025 19:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 70 Resp: 250759

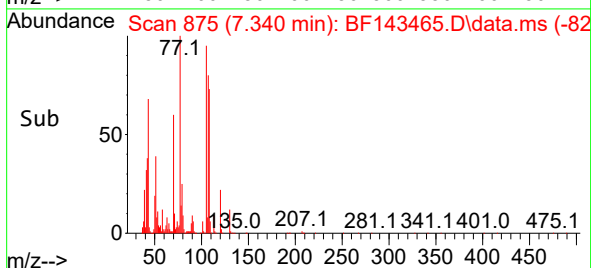
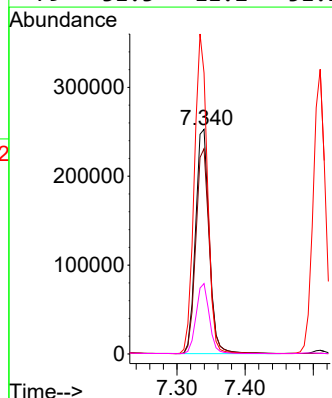
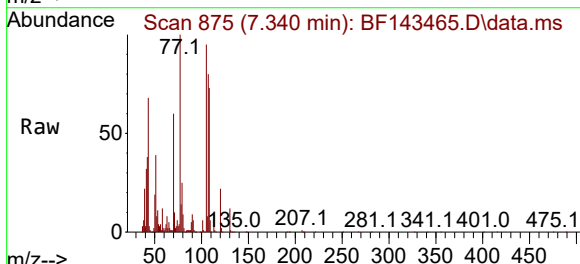
Ion	Ratio	Lower	Upper
70	100		
42	63.9	52.5	78.7
101	9.7	7.9	11.9
130	20.9	16.0	24.0

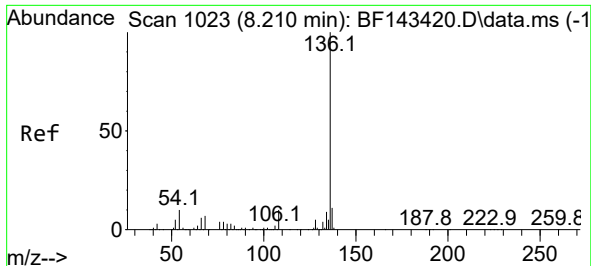


#20
3+4-Methylphenols
Concen: 40.197 ng
RT: 7.340 min Scan# 875
Delta R.T. 0.006 min
Lab File: BF143465.D
Acq: 19 Aug 2025 19:53

Tgt Ion: 107 Resp: 352647

Ion	Ratio	Lower	Upper
107	100		
108	91.4	70.8	110.8
77	125.1	119.1	159.1
79	31.3	11.2	51.2

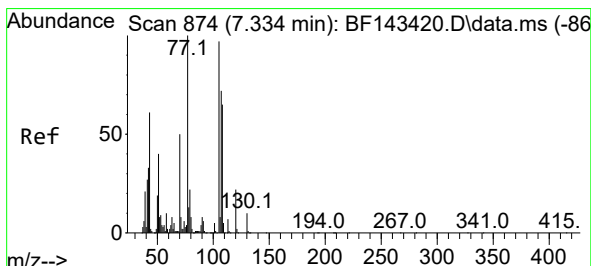
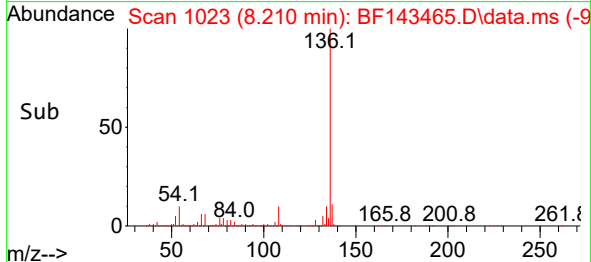
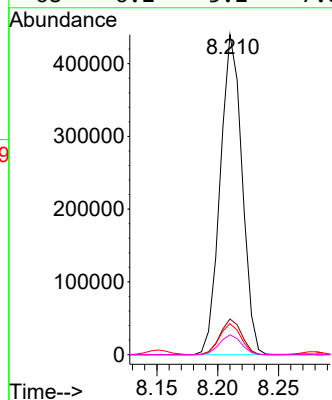
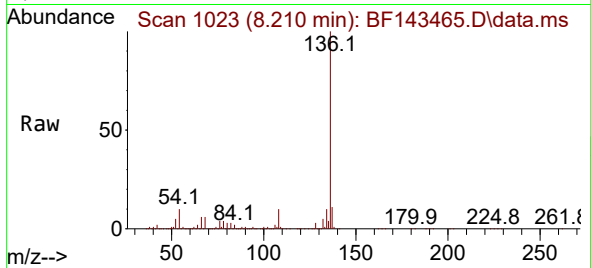




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF143465.D
Acq: 19 Aug 2025 19:53

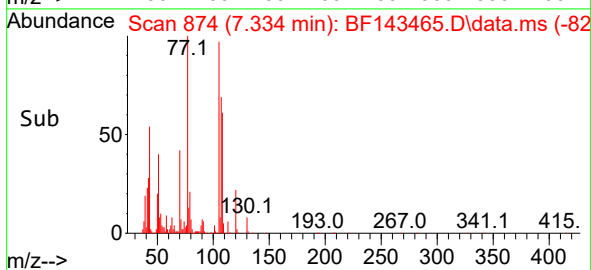
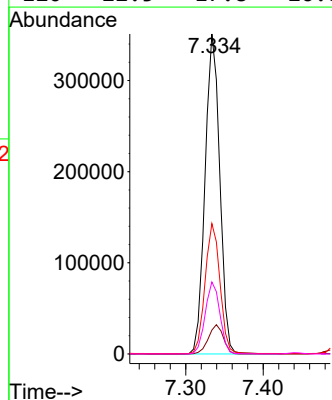
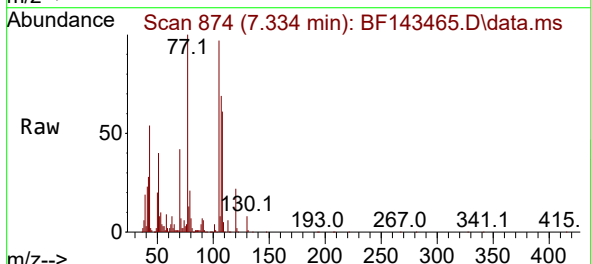
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

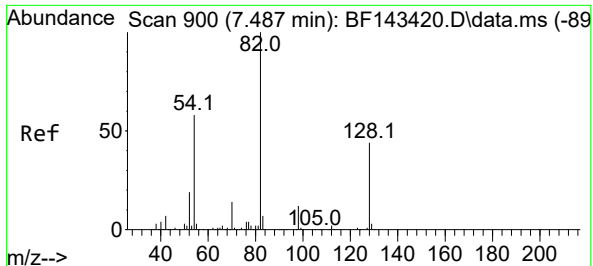
Tgt Ion:	136	Resp:	548647
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.8	13.2
54	9.7	7.8	11.8
68	6.2	5.2	7.8



#22
Acetophenone
Concen: 39.250 ng
RT: 7.334 min Scan# 874
Delta R.T. -0.000 min
Lab File: BF143465.D
Acq: 19 Aug 2025 19:53

Tgt Ion:	105	Resp:	463004
Ion Ratio	Lower	Upper	
105	100		
71	7.5	7.0	10.4
51	40.8	32.7	49.1
120	22.5	17.8	26.8





#23

Nitrobenzene-d5

Concen: 81.046 ng

RT: 7.492 min Scan# 901

Delta R.T. 0.006 min

Lab File: BF143465.D

Acq: 19 Aug 2025 19:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

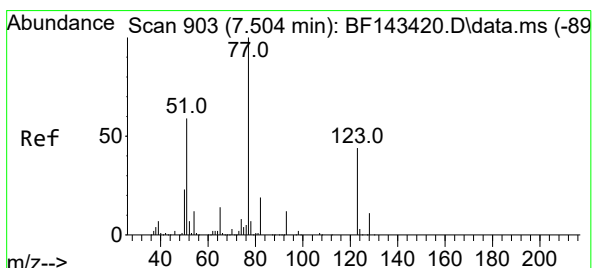
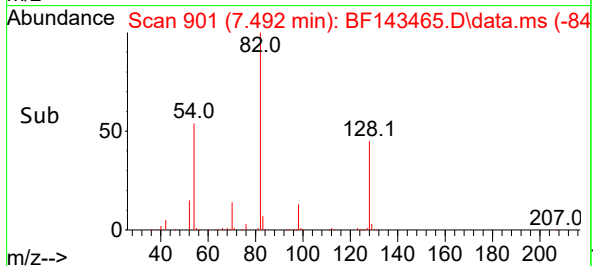
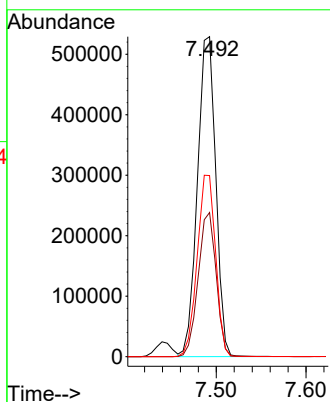
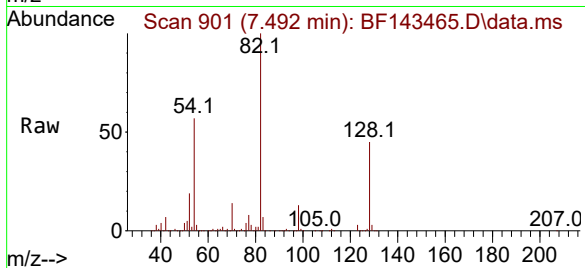
Tgt Ion: 82 Resp: 749350

Ion Ratio Lower Upper

82 100

128 45.1 34.6 52.0

54 56.6 46.0 69.0



#24

Nitrobenzene

Concen: 40.562 ng

RT: 7.510 min Scan# 904

Delta R.T. 0.006 min

Lab File: BF143465.D

Acq: 19 Aug 2025 19:53

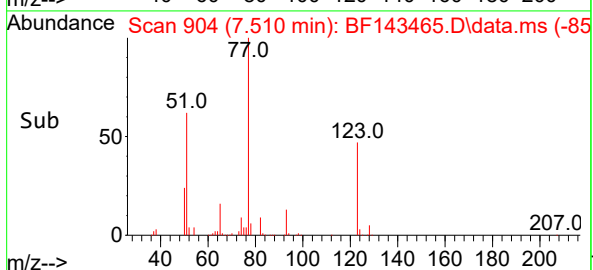
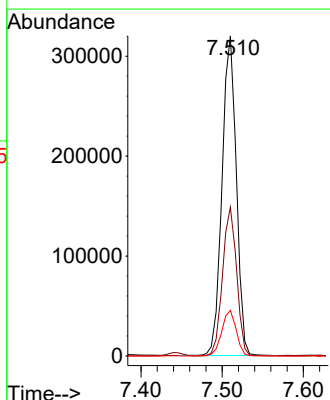
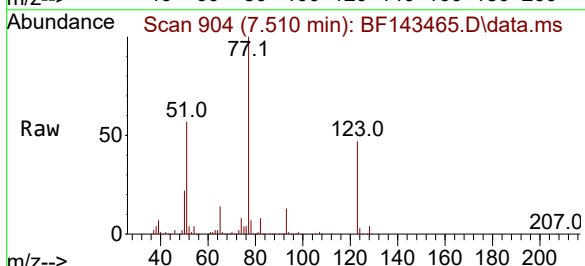
Tgt Ion: 77 Resp: 391968

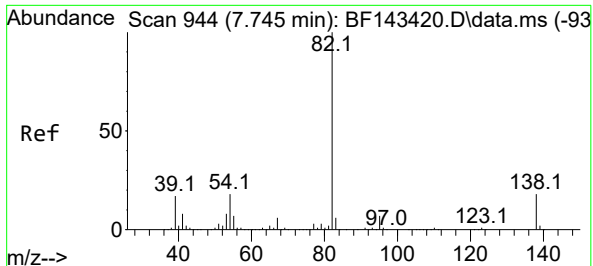
Ion Ratio Lower Upper

77 100

123 46.5 35.4 53.0

65 14.3 11.2 16.8

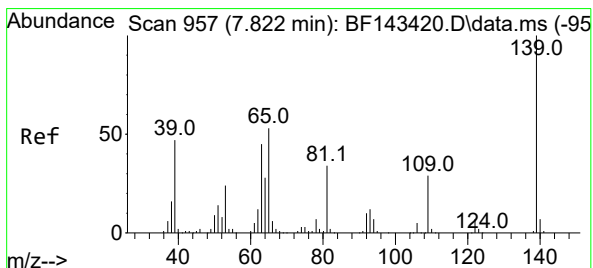
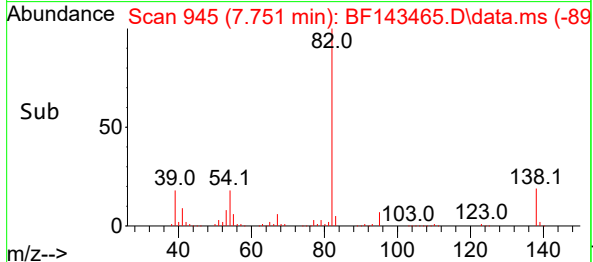
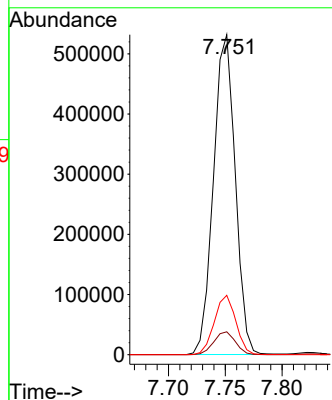
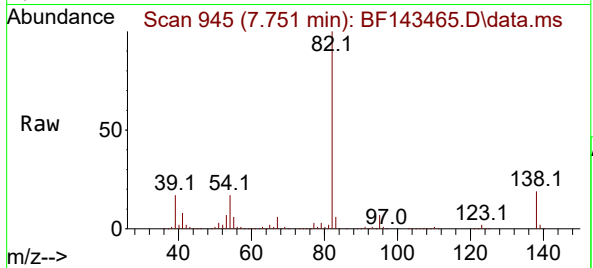




#25
Isophorone
Concen: 40.093 ng
RT: 7.751 min Scan# 945
Delta R.T. 0.006 min
Lab File: BF143465.D
Acq: 19 Aug 2025 19:53

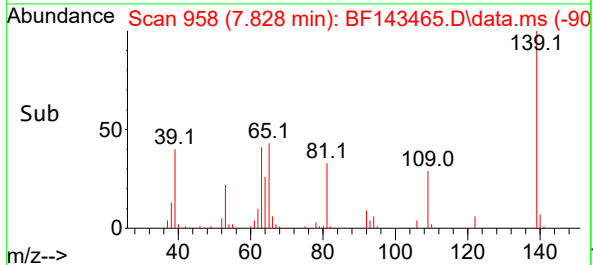
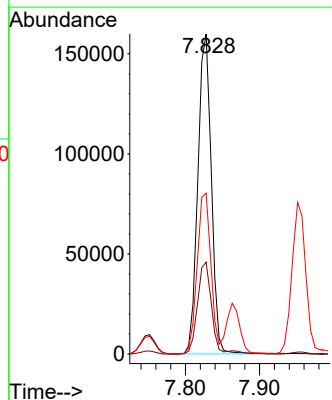
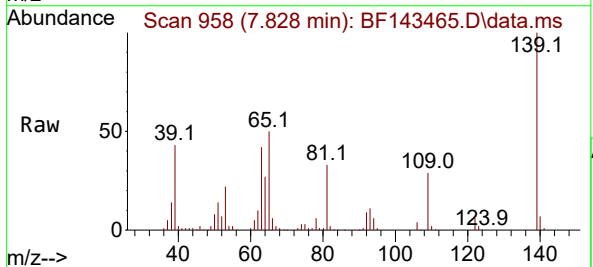
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

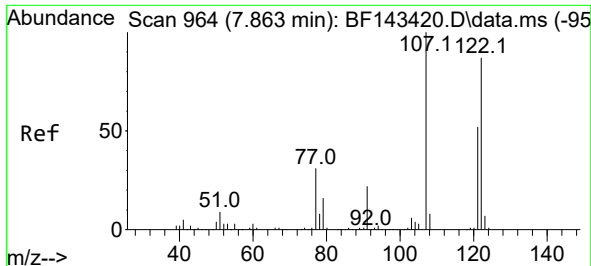
Tgt Ion: 82 Resp: 709493
Ion Ratio Lower Upper
82 100
95 7.2 5.6 8.4
138 18.5 14.3 21.5



#26
2-Nitrophenol
Concen: 45.235 ng
RT: 7.828 min Scan# 958
Delta R.T. 0.006 min
Lab File: BF143465.D
Acq: 19 Aug 2025 19:53

Tgt Ion:139 Resp: 202641
Ion Ratio Lower Upper
139 100
109 28.7 23.0 34.4
65 50.3 42.5 63.7





#27

2,4-Dimethylphenol

Concen: 39.641 ng

RT: 7.863 min Scan# 90

Delta R.T. -0.000 min

Lab File: BF143465.D

Acq: 19 Aug 2025 19:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

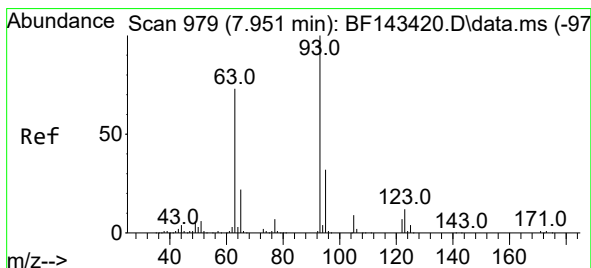
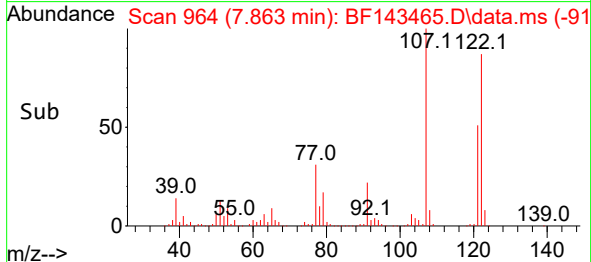
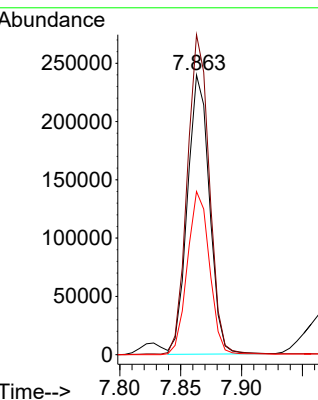
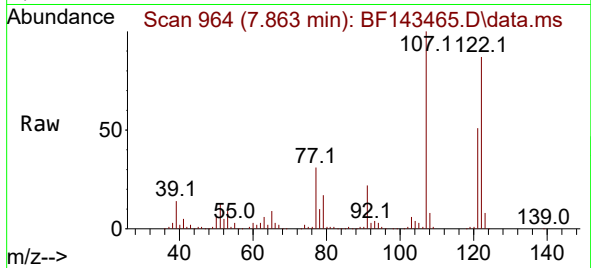
Tgt Ion:122 Resp: 300251

Ion Ratio Lower Upper

122 100

107 114.4 90.4 135.6

121 58.3 46.7 70.1



#28

bis(2-Chloroethoxy)methane

Concen: 40.073 ng

RT: 7.951 min Scan# 979

Delta R.T. -0.000 min

Lab File: BF143465.D

Acq: 19 Aug 2025 19:53

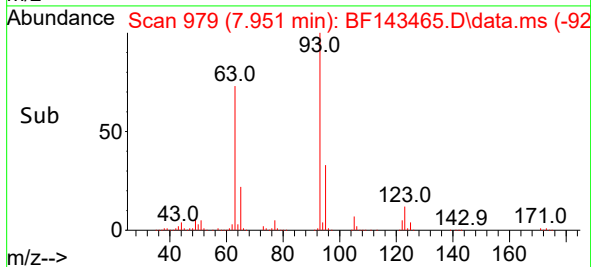
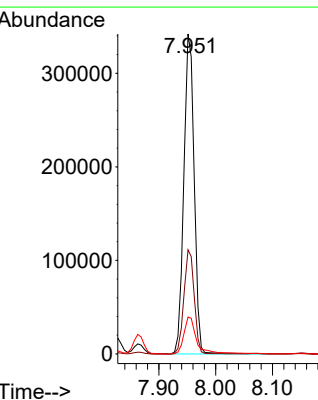
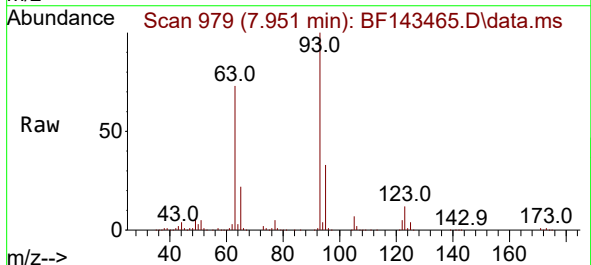
Tgt Ion: 93 Resp: 435876

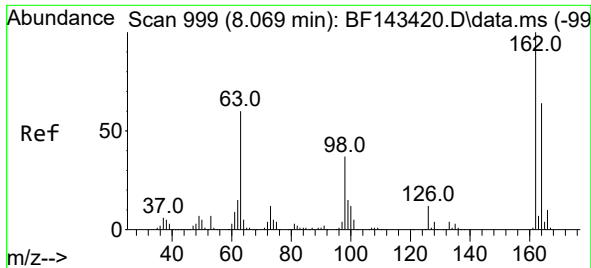
Ion Ratio Lower Upper

93 100

95 32.6 26.0 39.0

123 11.5 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 41.452 ng

RT: 8.075 min Scan# 1000

Delta R.T. 0.006 min

Lab File: BF143465.D

Acq: 19 Aug 2025 19:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

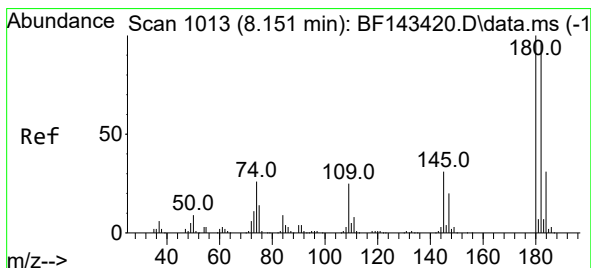
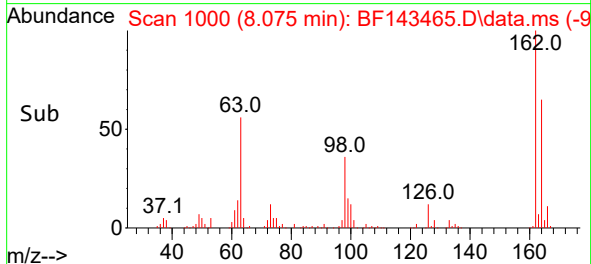
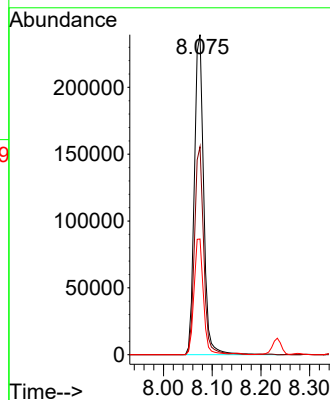
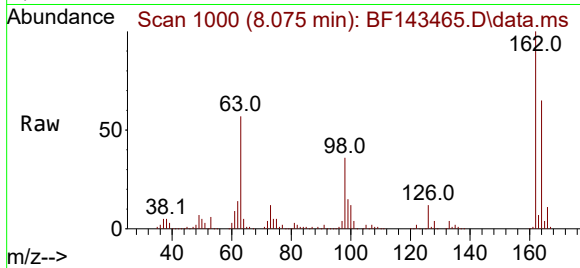
Tgt Ion:162 Resp: 320061

Ion Ratio Lower Upper

162 100

164 65.0 44.3 84.3

98 36.2 16.9 56.9



#30

1,2,4-Trichlorobenzene

Concen: 40.374 ng

RT: 8.151 min Scan# 1013

Delta R.T. -0.000 min

Lab File: BF143465.D

Acq: 19 Aug 2025 19:53

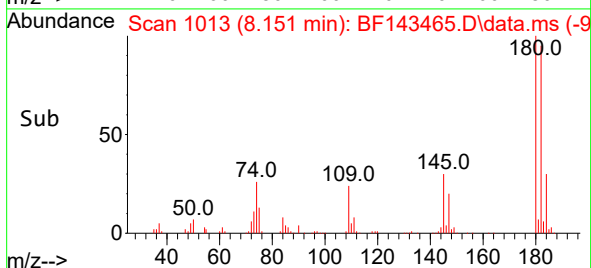
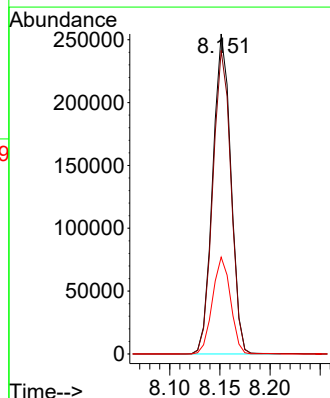
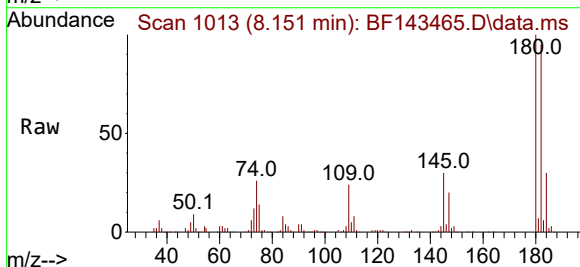
Tgt Ion:180 Resp: 319413

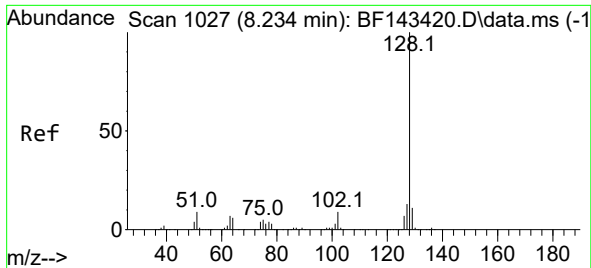
Ion Ratio Lower Upper

180 100

182 94.8 76.7 115.1

145 30.2 24.5 36.7

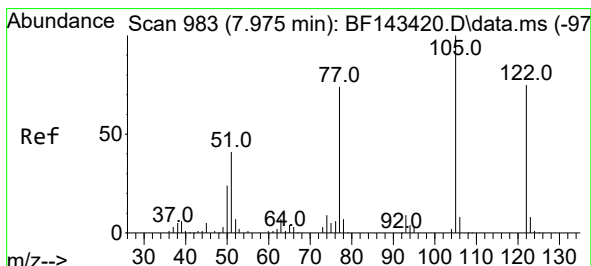
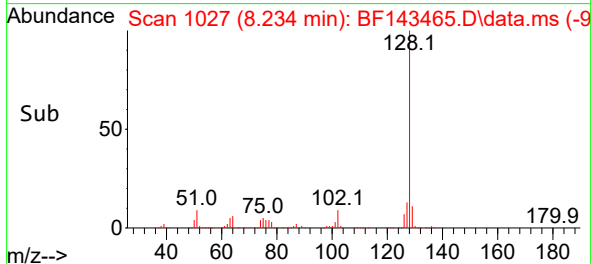
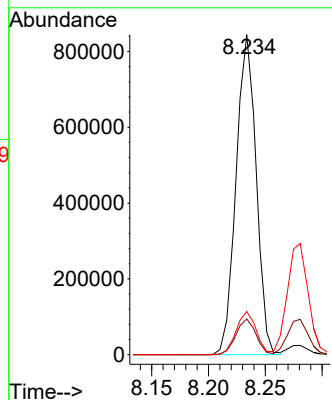
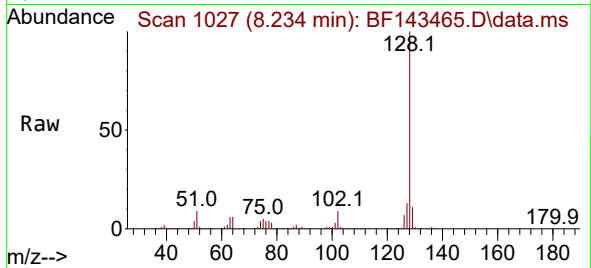




#31
Naphthalene
Concen: 39.822 ng
RT: 8.234 min Scan# 1027
Delta R.T. -0.000 min
Lab File: BF143465.D
Acq: 19 Aug 2025 19:53

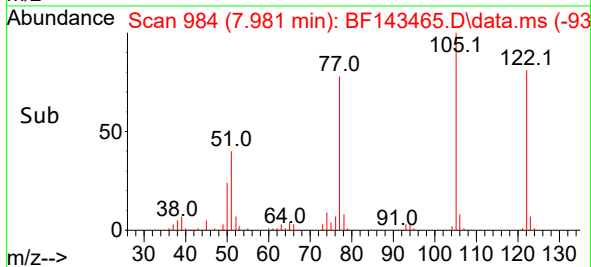
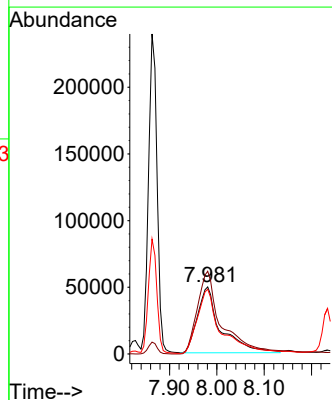
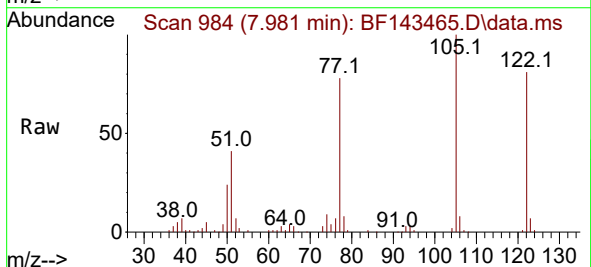
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

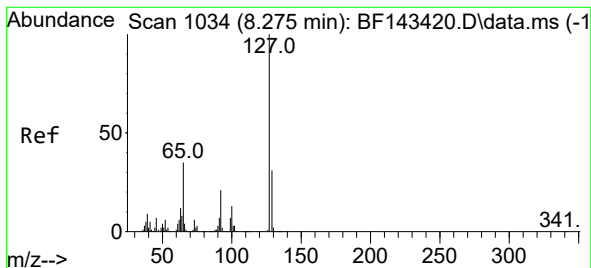
Tgt Ion:128 Resp: 1037253
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.5 10.6 16.0



#32
Benzoic acid
Concen: 43.106 ng
RT: 7.981 min Scan# 984
Delta R.T. 0.006 min
Lab File: BF143465.D
Acq: 19 Aug 2025 19:53

Tgt Ion:122 Resp: 169803
Ion Ratio Lower Upper
122 100
105 123.2 108.4 148.4
77 96.5 75.9 115.9





#33

4-Chloroaniline

Concen: 40.872 ng

RT: 8.281 min Scan# 1035

Delta R.T. 0.006 min

Lab File: BF143465.D

Acq: 19 Aug 2025 19:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:127 Resp: 384279

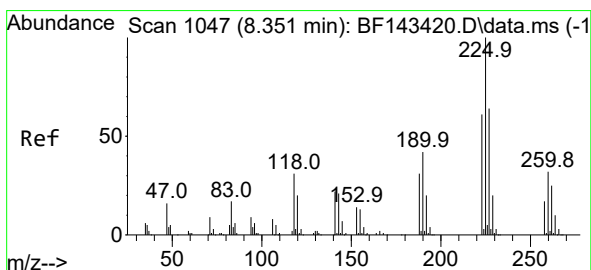
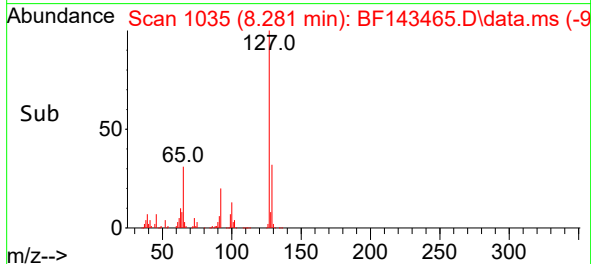
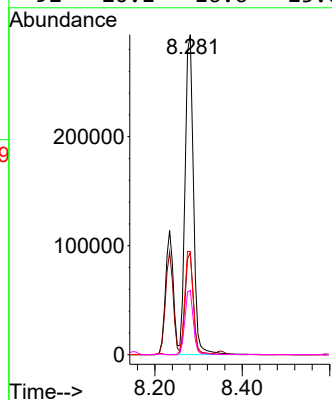
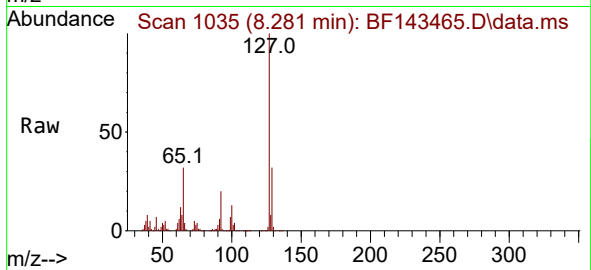
Ion Ratio Lower Upper

127 100

129 31.8 25.8 38.8

65 32.2 27.2 40.8

92 20.1 16.6 25.0



#34

Hexachlorobutadiene

Concen: 41.735 ng

RT: 8.351 min Scan# 1047

Delta R.T. -0.000 min

Lab File: BF143465.D

Acq: 19 Aug 2025 19:53

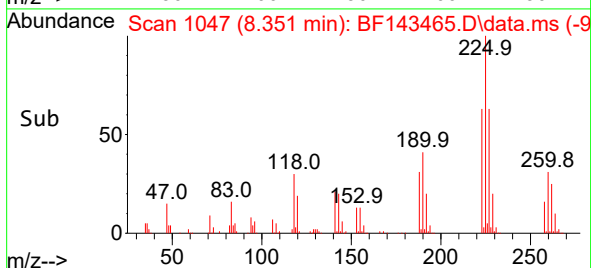
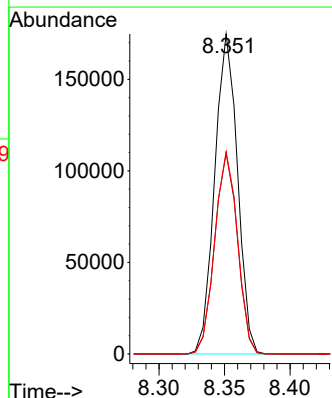
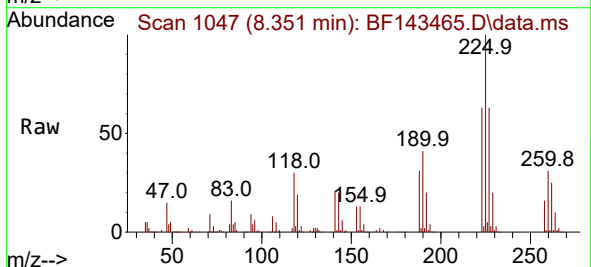
Tgt Ion:225 Resp: 210545

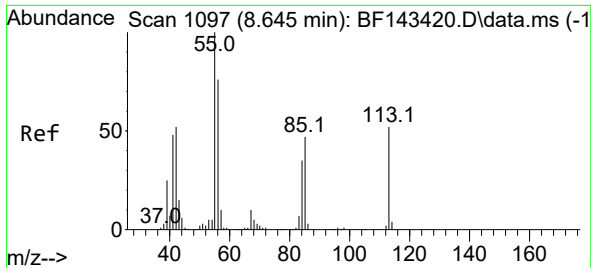
Ion Ratio Lower Upper

225 100

223 62.7 49.0 73.6

227 63.2 51.1 76.7

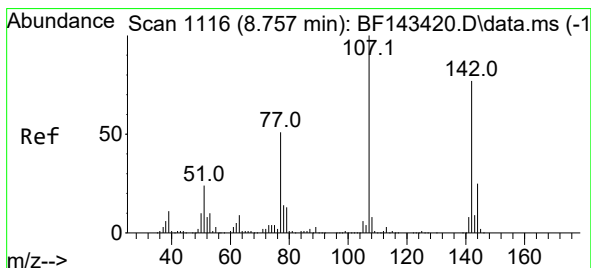
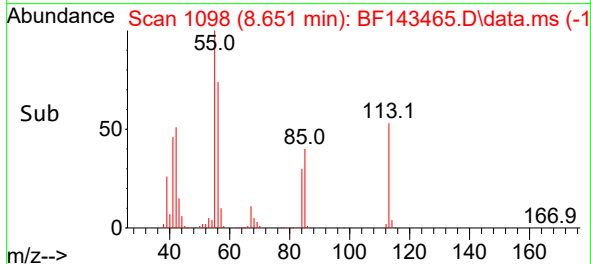
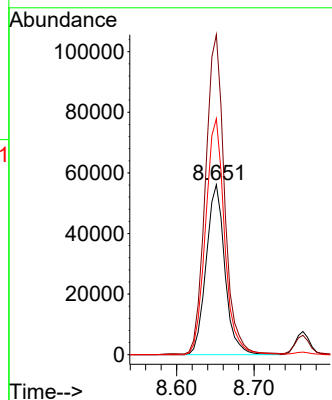
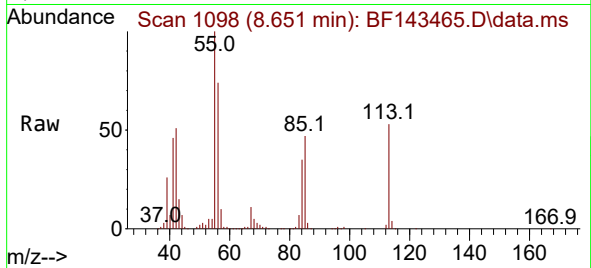




#35
 Caprolactam
 Concen: 42.156 ng
 RT: 8.651 min Scan# 1098
 Delta R.T. 0.006 min
 Lab File: BF143465.D
 Acq: 19 Aug 2025 19:53

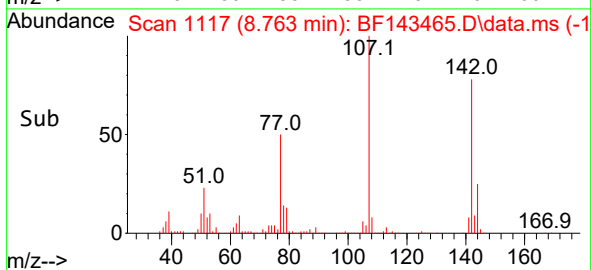
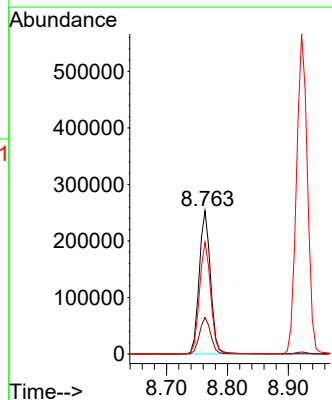
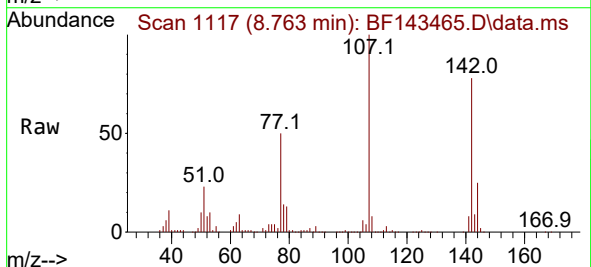
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

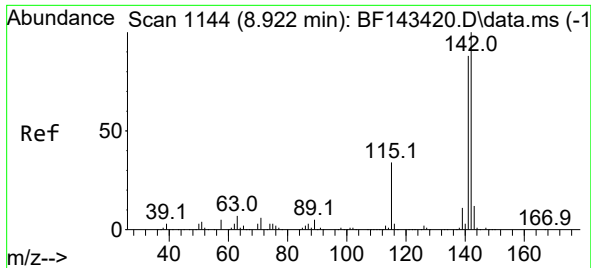
Tgt Ion:113 Resp: 93712
 Ion Ratio Lower Upper
 113 100
 55 188.3 174.7 214.7
 56 138.9 127.0 167.0



#36
 4-Chloro-3-methylphenol
 Concen: 41.119 ng
 RT: 8.763 min Scan# 1117
 Delta R.T. 0.006 min
 Lab File: BF143465.D
 Acq: 19 Aug 2025 19:53

Tgt Ion:107 Resp: 326982
 Ion Ratio Lower Upper
 107 100
 144 25.4 20.2 30.2
 142 78.0 62.0 93.0

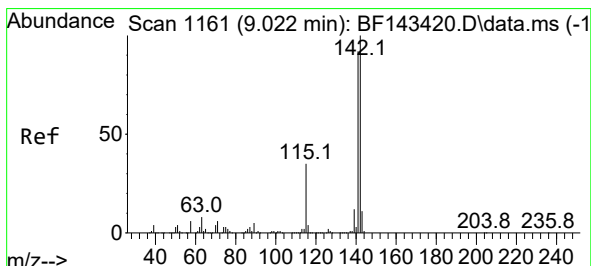
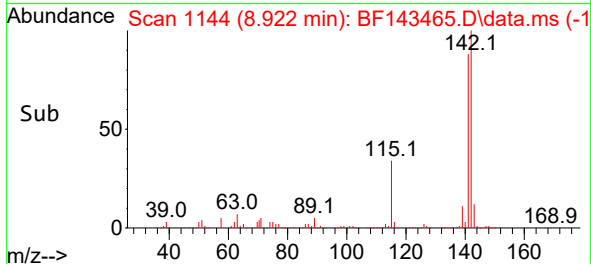
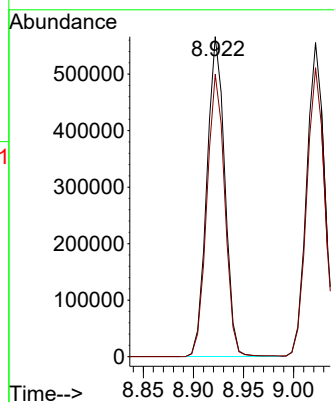
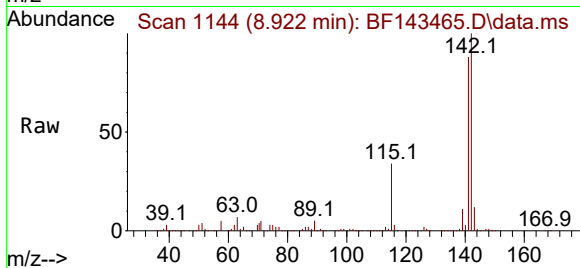




#37
2-Methylnaphthalene
Concen: 40.152 ng
RT: 8.922 min Scan# 1144
Delta R.T. -0.000 min
Lab File: BF143465.D
Acq: 19 Aug 2025 19:53

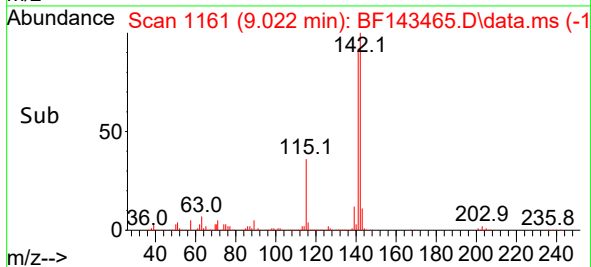
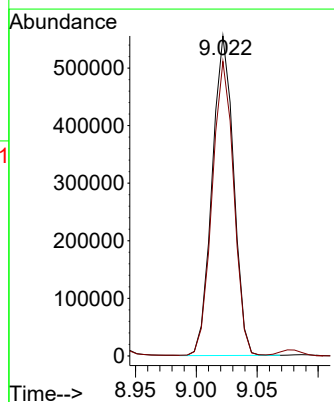
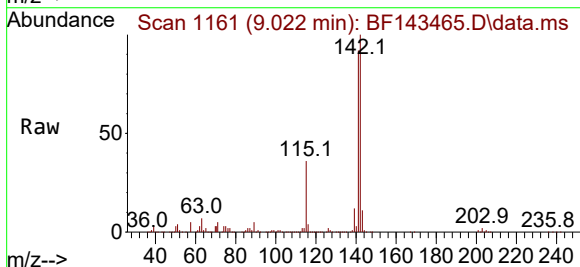
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

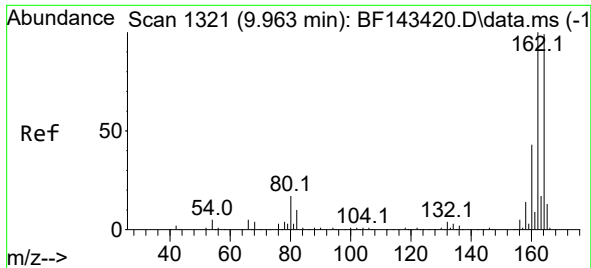
Tgt Ion:142 Resp: 704960
Ion Ratio Lower Upper
142 100
141 88.3 70.3 105.5



#38
1-Methylnaphthalene
Concen: 40.466 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.000 min
Lab File: BF143465.D
Acq: 19 Aug 2025 19:53

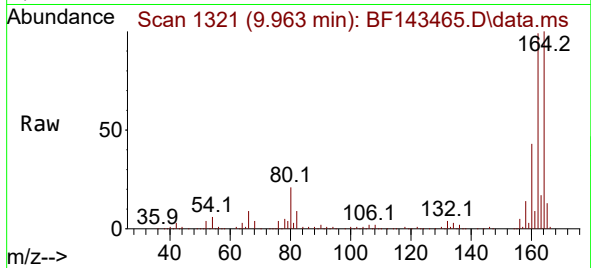
Tgt Ion:142 Resp: 680707
Ion Ratio Lower Upper
142 100
141 92.0 73.8 110.6



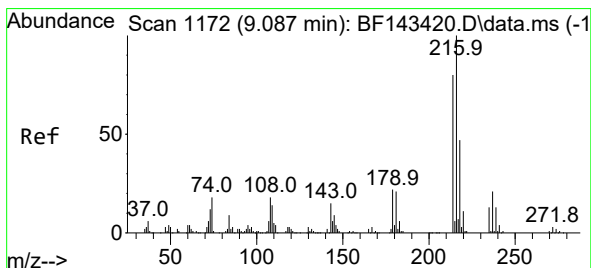
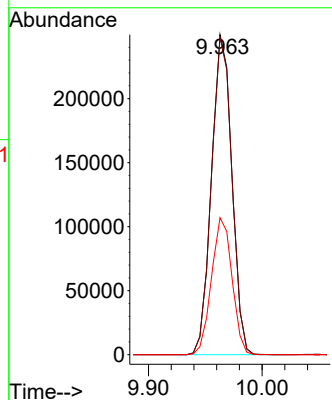
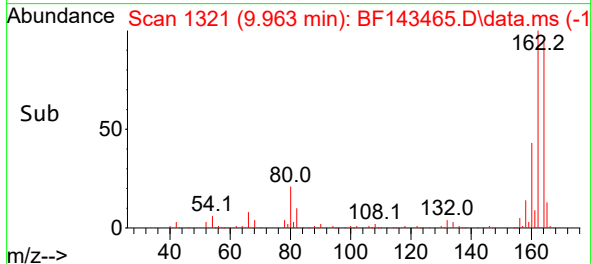


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BF143465.D
Acq: 19 Aug 2025 19:53

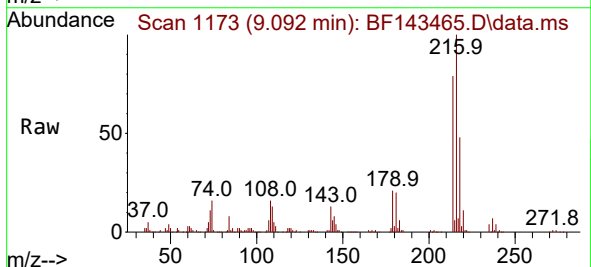
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



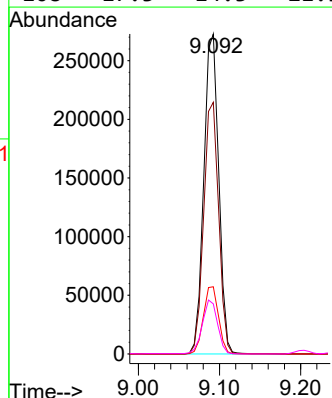
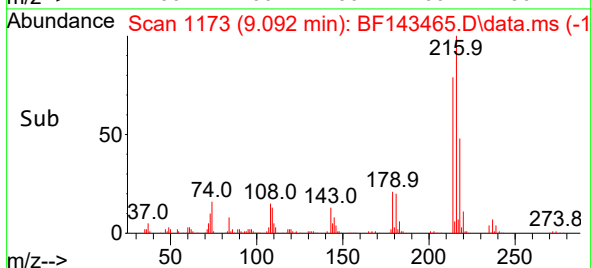
Tgt Ion:164 Resp: 311599
Ion Ratio Lower Upper
164 100
162 99.1 80.6 121.0
160 42.8 34.6 51.8

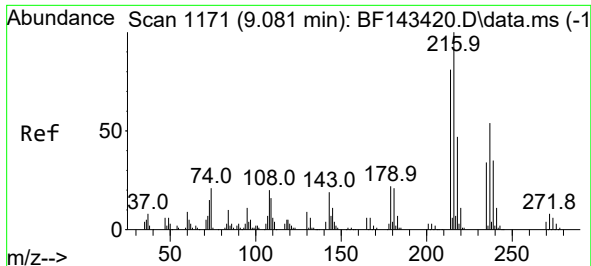


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.945 ng
RT: 9.092 min Scan# 1173
Delta R.T. 0.006 min
Lab File: BF143465.D
Acq: 19 Aug 2025 19:53



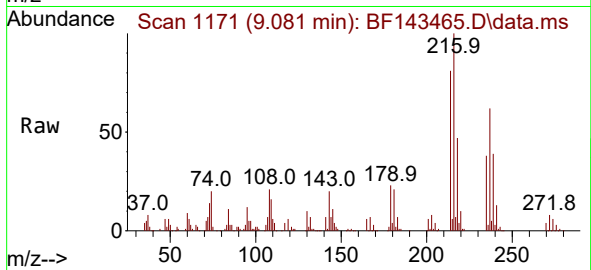
Tgt Ion:216 Resp: 347121
Ion Ratio Lower Upper
216 100
214 79.1 63.7 95.5
179 21.3 17.0 25.4
108 17.3 14.3 21.5



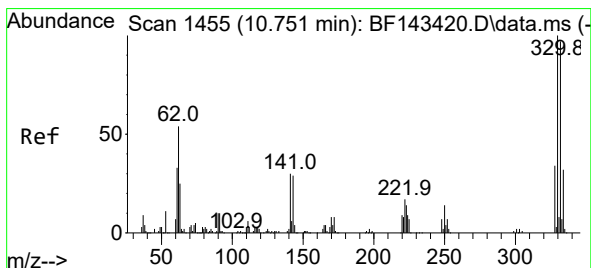
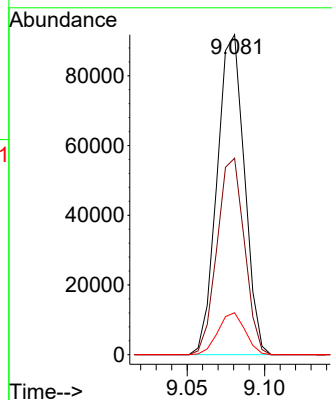
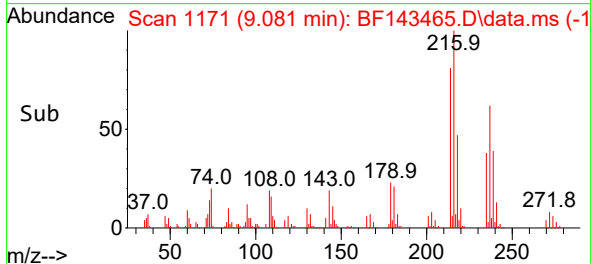


#41
Hexachlorocyclopentadiene
Concen: 39.240 ng
RT: 9.081 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BF143465.D
Acq: 19 Aug 2025 19:53

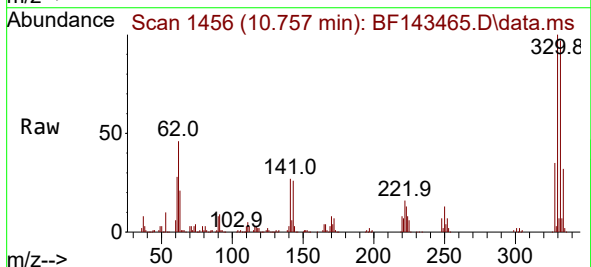
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



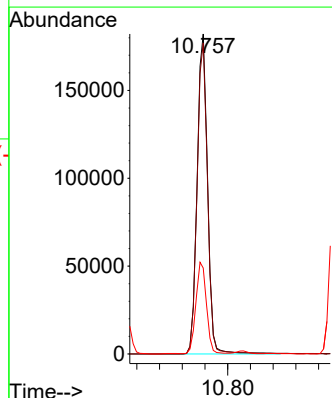
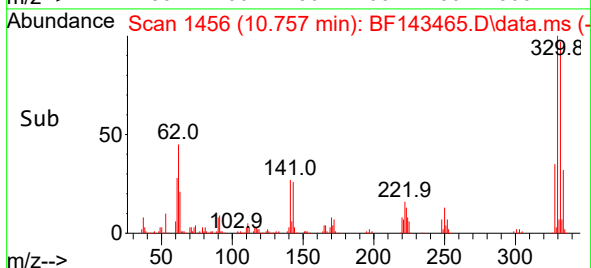
Tgt Ion:237 Resp: 112754
Ion Ratio Lower Upper
237 100
235 61.4 41.6 81.6
272 13.1 0.0 33.8

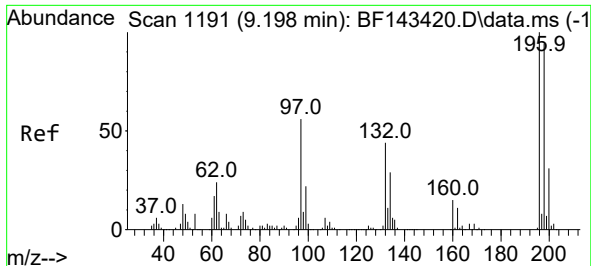


#42
2,4,6-Tribromophenol
Concen: 84.273 ng
RT: 10.757 min Scan# 1456
Delta R.T. 0.006 min
Lab File: BF143465.D
Acq: 19 Aug 2025 19:53



Tgt Ion:330 Resp: 233729
Ion Ratio Lower Upper
330 100
332 97.2 77.4 116.2
141 28.7 24.1 36.1

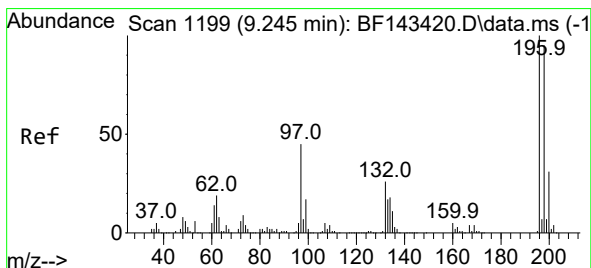
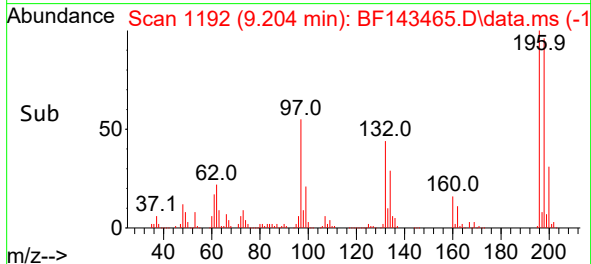
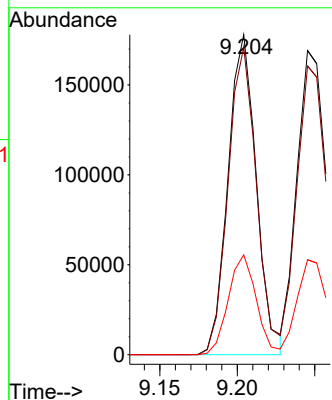
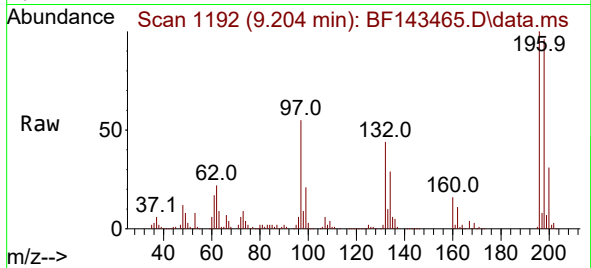




#43
2,4,6-Trichlorophenol
Concen: 41.701 ng
RT: 9.204 min Scan# 1192
Delta R.T. 0.006 min
Lab File: BF143465.D
Acq: 19 Aug 2025 19:53

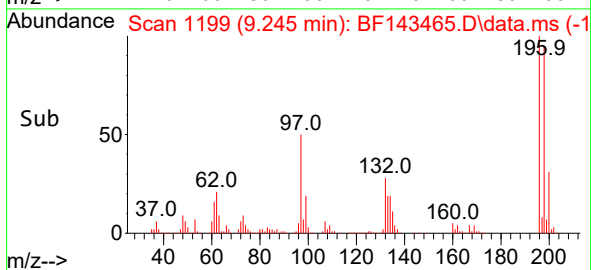
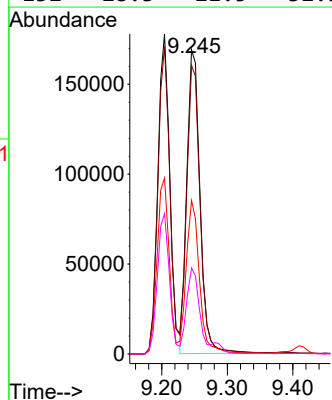
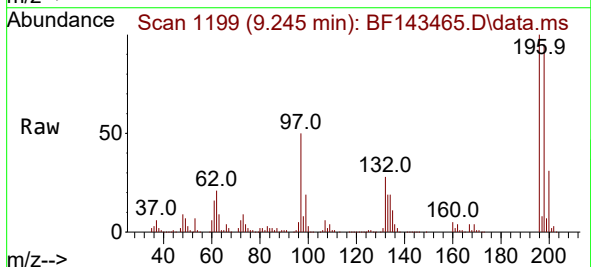
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

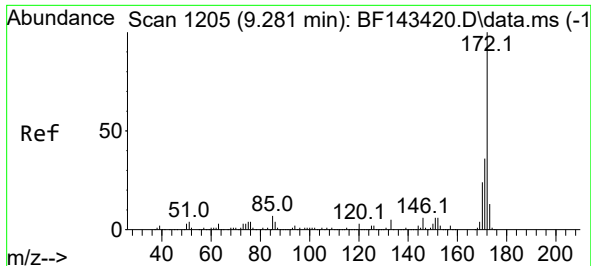
Tgt Ion:196 Resp: 226056
Ion Ratio Lower Upper
196 100
198 96.2 75.4 113.2
200 31.2 24.7 37.1



#44
2,4,5-Trichlorophenol
Concen: 40.664 ng
RT: 9.245 min Scan# 1199
Delta R.T. -0.000 min
Lab File: BF143465.D
Acq: 19 Aug 2025 19:53

Tgt Ion:196 Resp: 236288
Ion Ratio Lower Upper
196 100
198 94.9 76.2 114.4
97 50.5 36.6 55.0
132 28.3 21.5 32.3

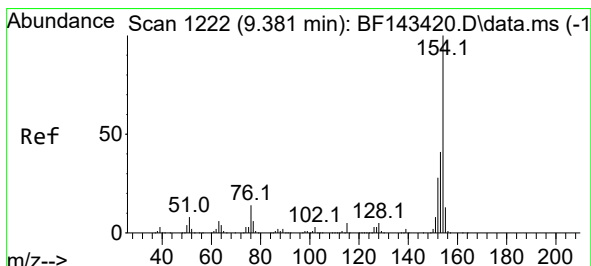
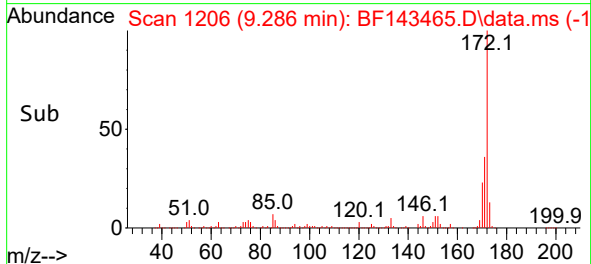
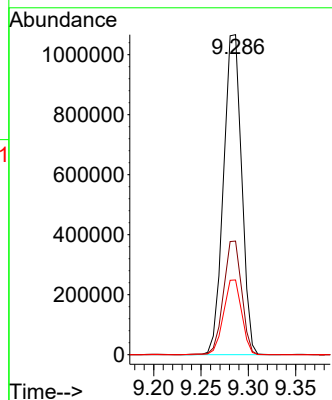
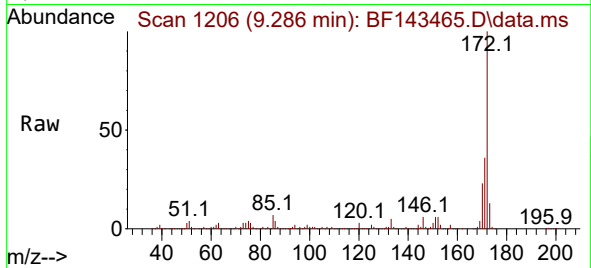




#45
2-Fluorobiphenyl
Concen: 76.929 ng
RT: 9.286 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF143465.D
Acq: 19 Aug 2025 19:53

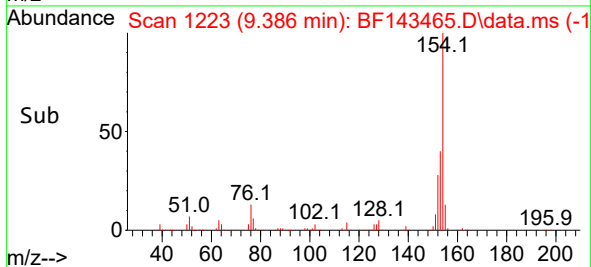
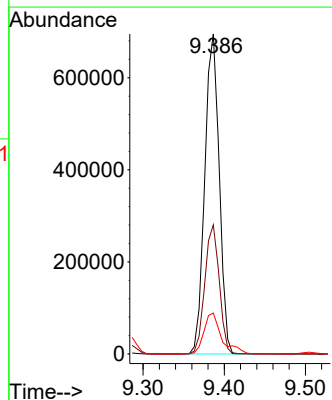
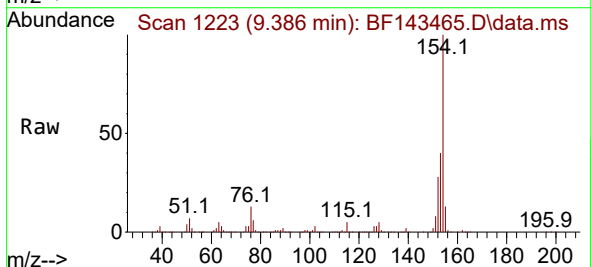
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

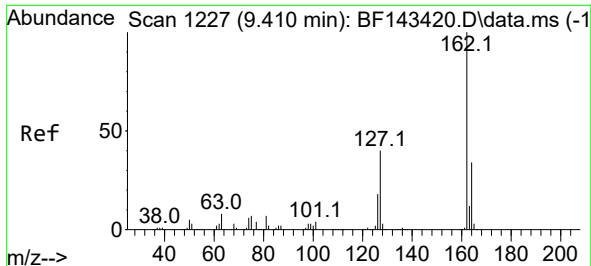
Tgt Ion:172 Resp: 1425158
Ion Ratio Lower Upper
172 100
171 35.5 28.7 43.1
170 23.4 19.0 28.6



#46
1,1'-Biphenyl
Concen: 39.184 ng
RT: 9.386 min Scan# 1223
Delta R.T. 0.006 min
Lab File: BF143465.D
Acq: 19 Aug 2025 19:53

Tgt Ion:154 Resp: 857883
Ion Ratio Lower Upper
154 100
153 40.4 20.6 60.6
76 12.8 0.0 33.8





#47

2-Chloronaphthalene

Concen: 39.120 ng

RT: 9.410 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF143465.D

Acq: 19 Aug 2025 19:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

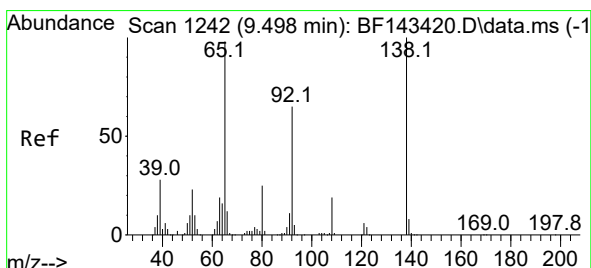
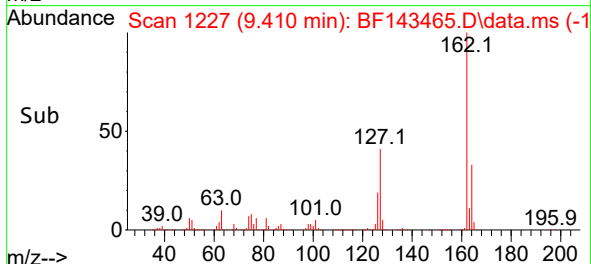
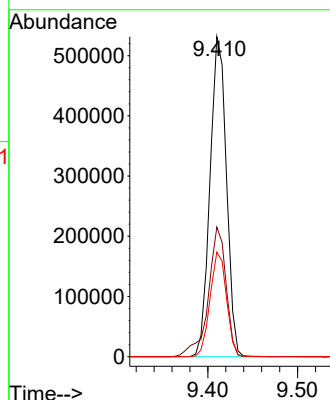
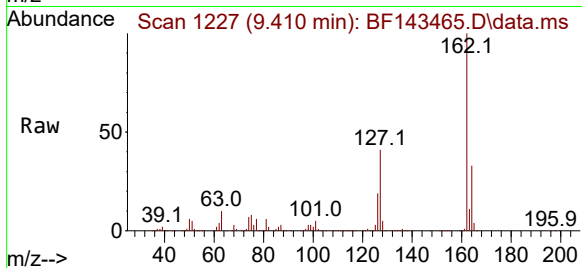
Tgt Ion:162 Resp: 676063

Ion Ratio Lower Upper

162 100

127 40.5 32.3 48.5

164 32.6 26.9 40.3



#48

2-Nitroaniline

Concen: 40.861 ng

RT: 9.504 min Scan# 1243

Delta R.T. 0.006 min

Lab File: BF143465.D

Acq: 19 Aug 2025 19:53

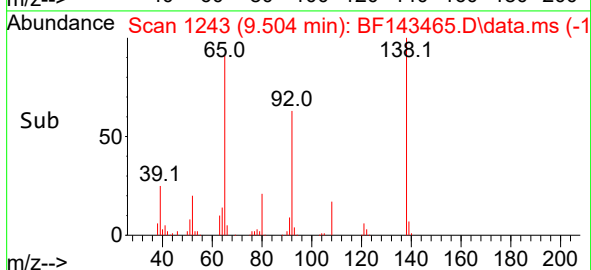
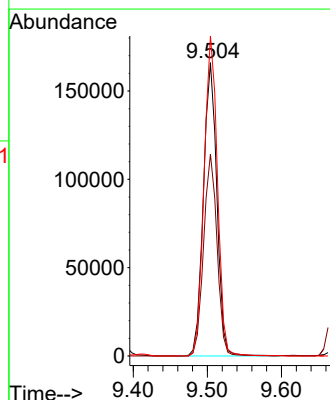
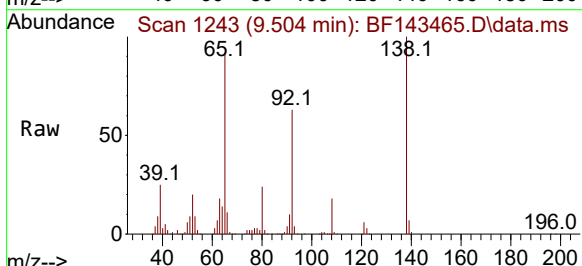
Tgt Ion: 65 Resp: 210143

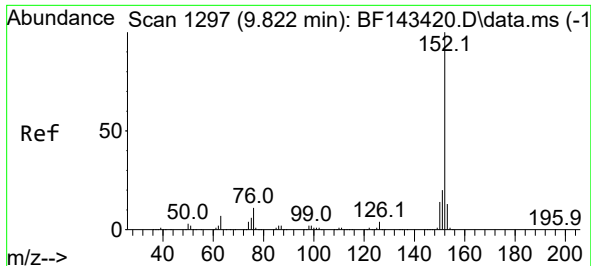
Ion Ratio Lower Upper

65 100

92 68.8 52.9 79.3

138 109.1 81.3 121.9





#49

Acenaphthylene

Concen: 39.202 ng

RT: 9.828 min Scan# 1298

Delta R.T. 0.006 min

Lab File: BF143465.D

Acq: 19 Aug 2025 19:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

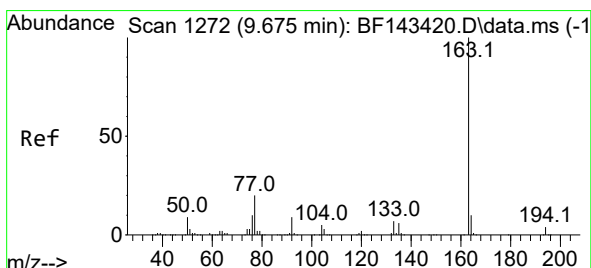
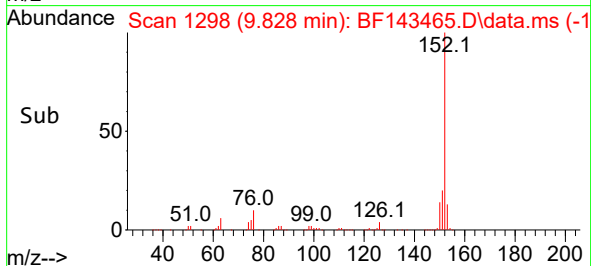
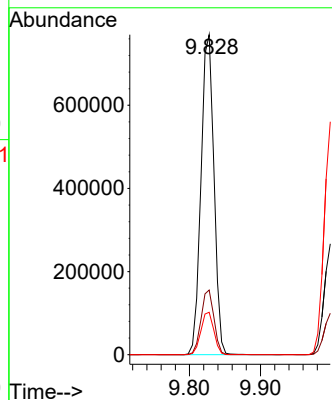
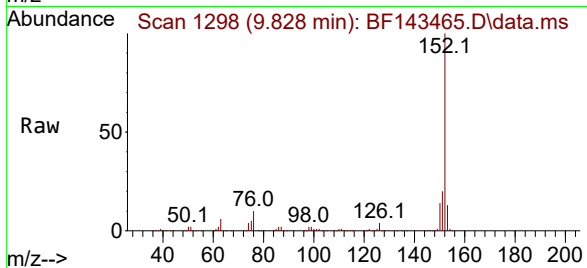
Tgt Ion:152 Resp: 978163

Ion Ratio Lower Upper

152 100

151 20.2 16.0 24.0

153 13.3 10.8 16.2



#50

Dimethylphthalate

Concen: 40.126 ng

RT: 9.675 min Scan# 1272

Delta R.T. -0.000 min

Lab File: BF143465.D

Acq: 19 Aug 2025 19:53

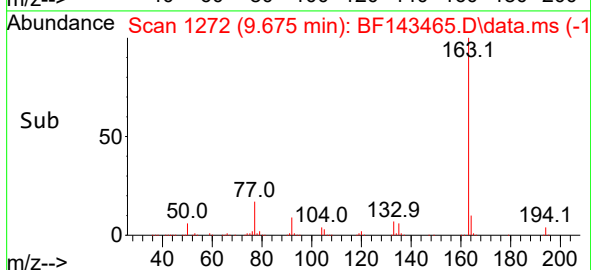
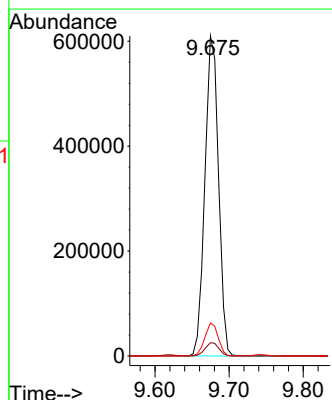
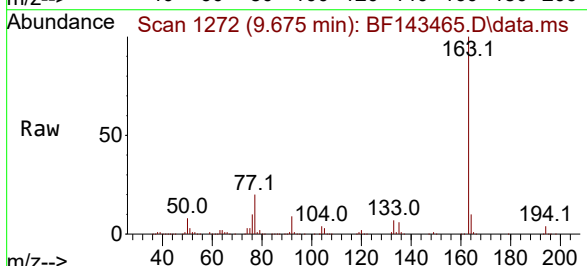
Tgt Ion:163 Resp: 779522

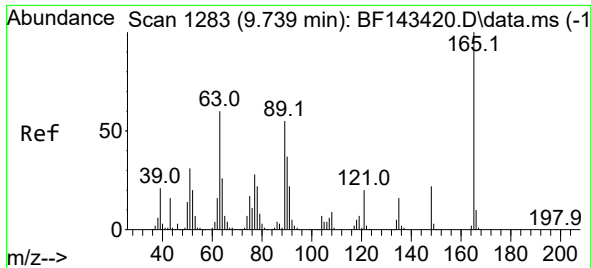
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

164 10.3 8.2 12.4

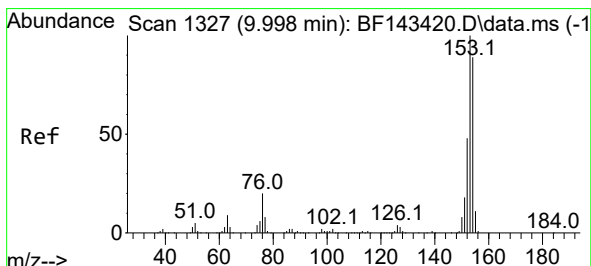
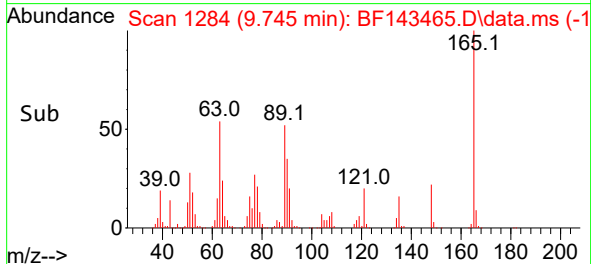
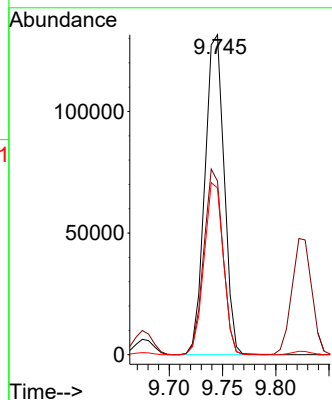
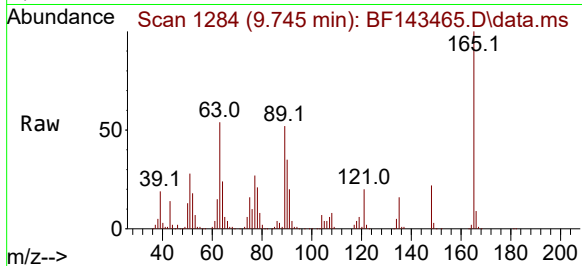




#51
2,6-Dinitrotoluene
Concen: 43.358 ng
RT: 9.745 min Scan# 1284
Delta R.T. 0.006 min
Lab File: BF143465.D
Acq: 19 Aug 2025 19:53

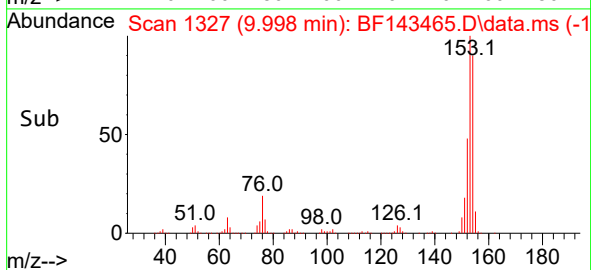
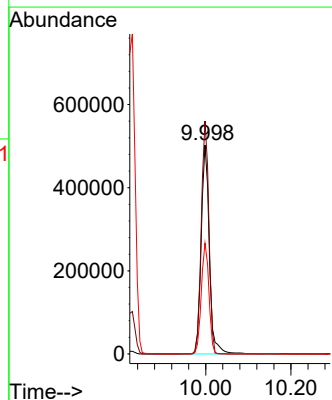
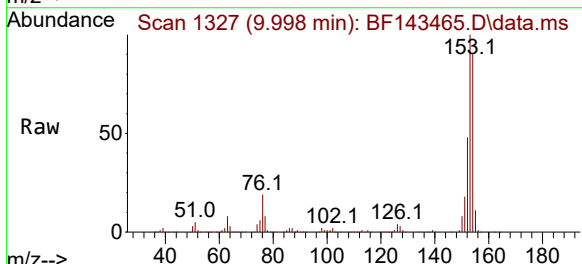
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

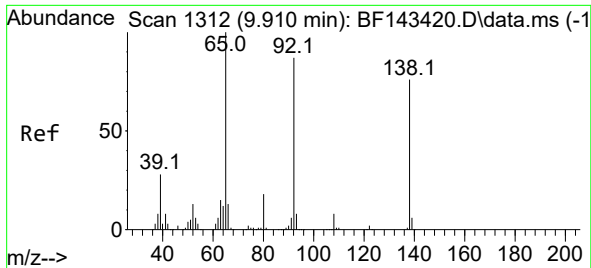
Tgt Ion:165 Resp: 166046
Ion Ratio Lower Upper
165 100
63 54.3 48.2 72.2
89 52.1 44.2 66.2



#52
Acenaphthene
Concen: 39.626 ng
RT: 9.998 min Scan# 1327
Delta R.T. -0.000 min
Lab File: BF143465.D
Acq: 19 Aug 2025 19:53

Tgt Ion:154 Resp: 665011
Ion Ratio Lower Upper
154 100
153 111.5 89.5 134.3
152 53.0 42.6 64.0

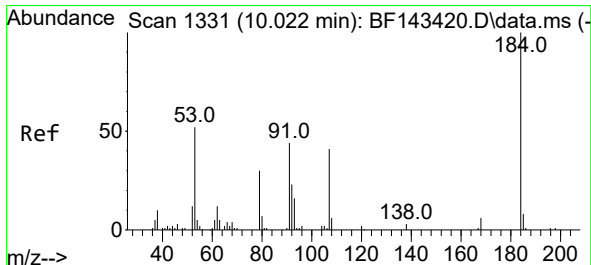
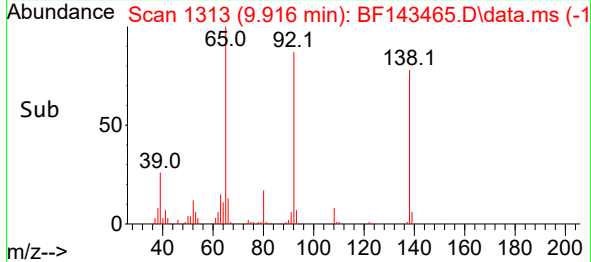
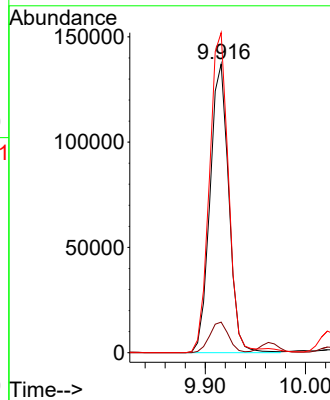
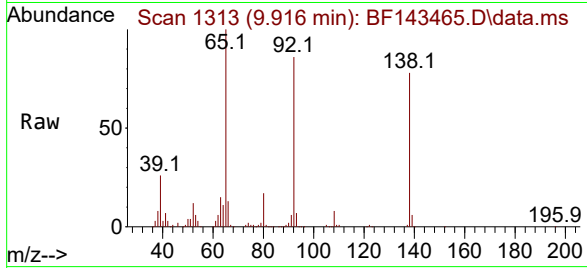




#53
3-Nitroaniline
Concen: 41.903 ng
RT: 9.916 min Scan# 1312
Delta R.T. 0.006 min
Lab File: BF143465.D
Acq: 19 Aug 2025 19:53

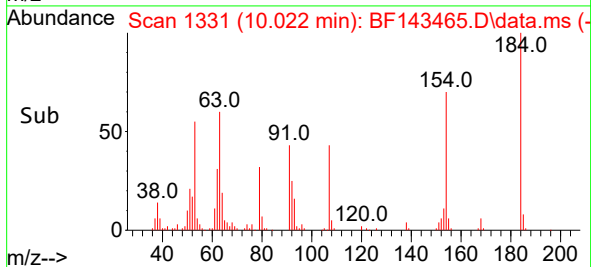
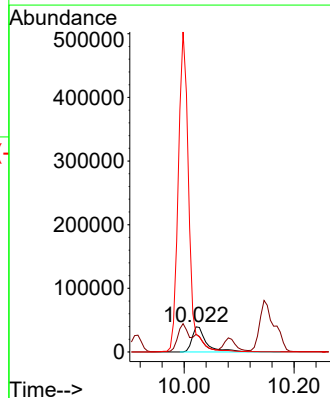
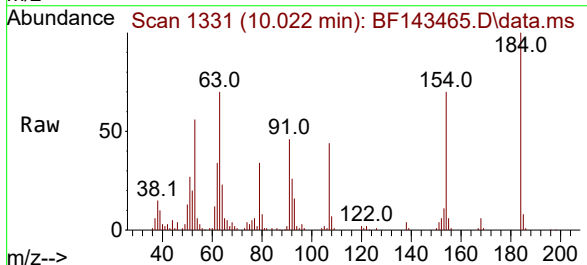
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

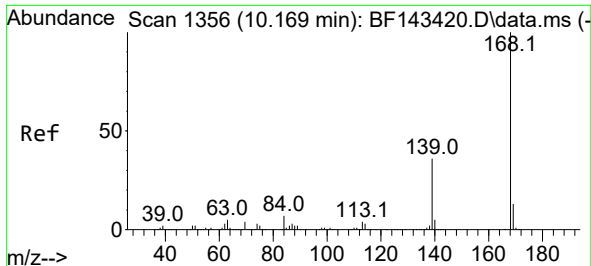
Tgt Ion:138 Resp: 178756
Ion Ratio Lower Upper
138 100
108 10.6 8.7 13.1
92 110.9 91.4 137.2



#54
2,4-Dinitrophenol
Concen: 43.488 ng
RT: 10.022 min Scan# 1331
Delta R.T. -0.000 min
Lab File: BF143465.D
Acq: 19 Aug 2025 19:53

Tgt Ion:184 Resp: 72372
Ion Ratio Lower Upper
184 100
63 70.0 53.2 79.8
154 69.9 51.3 76.9

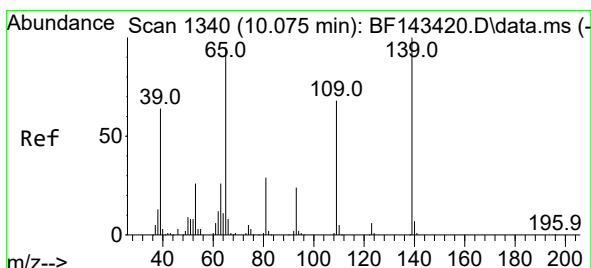
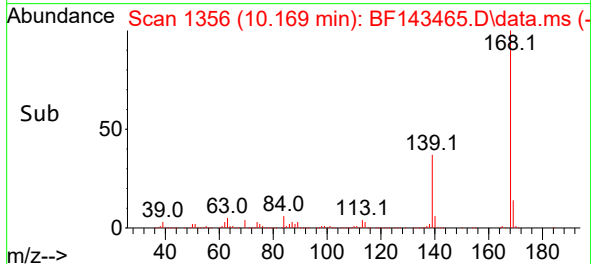
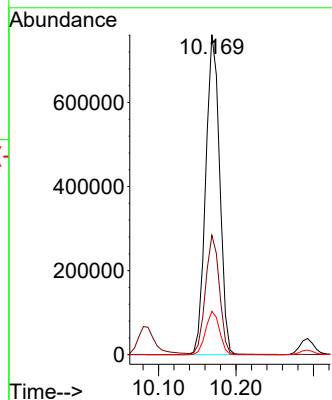
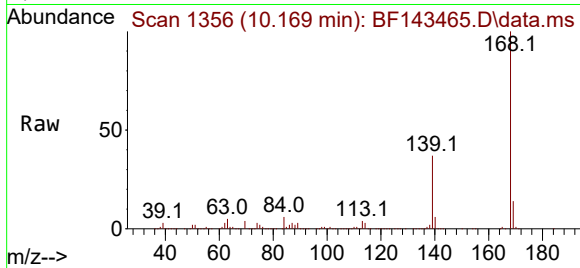




#55
Dibenzofuran
Concen: 39.251 ng
RT: 10.169 min Scan# 1356
Delta R.T. -0.000 min
Lab File: BF143465.D
Acq: 19 Aug 2025 19:53

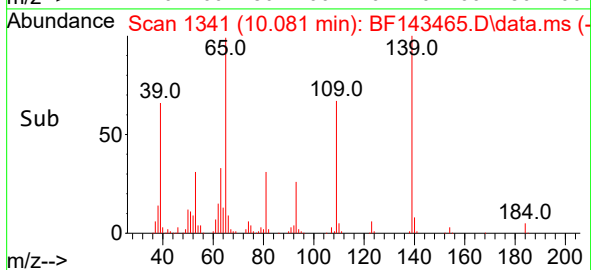
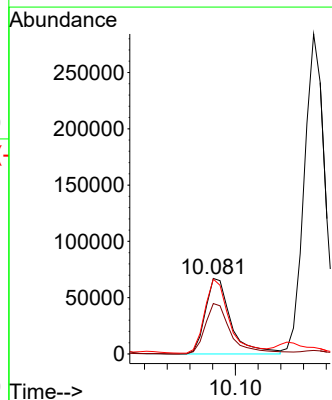
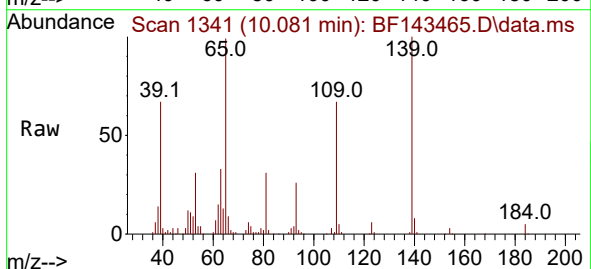
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

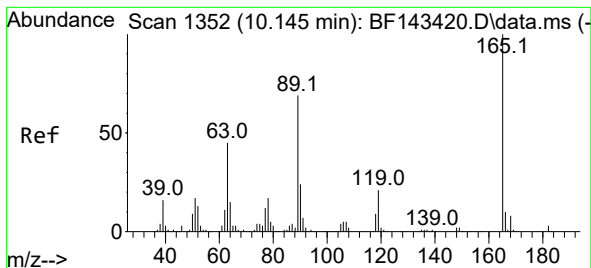
Tgt Ion:168 Resp: 950232
Ion Ratio Lower Upper
168 100
139 37.3 29.3 43.9
169 13.6 10.8 16.2



#56
4-Nitrophenol
Concen: 39.083 ng
RT: 10.081 min Scan# 1341
Delta R.T. 0.006 min
Lab File: BF143465.D
Acq: 19 Aug 2025 19:53

Tgt Ion:139 Resp: 104819
Ion Ratio Lower Upper
139 100
109 66.7 47.7 87.7
65 99.2 76.4 116.4

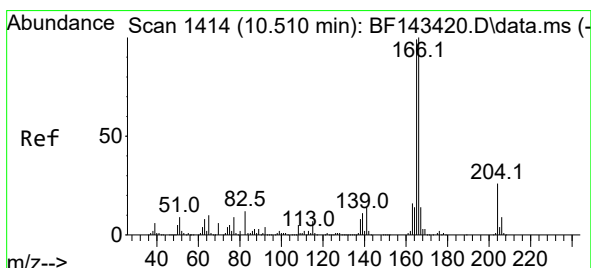
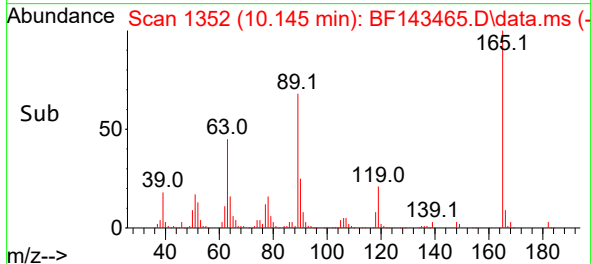
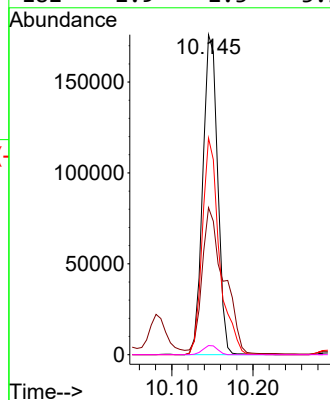
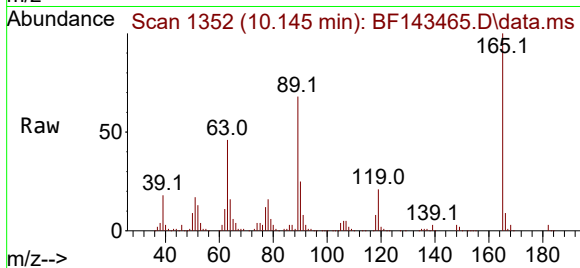




#57
2,4-Dinitrotoluene
Concen: 43.798 ng
RT: 10.145 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143465.D
Acq: 19 Aug 2025 19:53

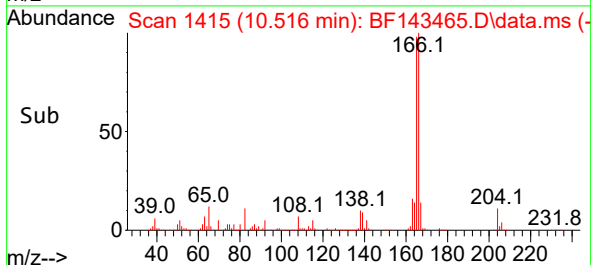
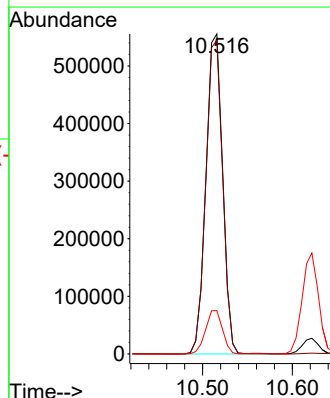
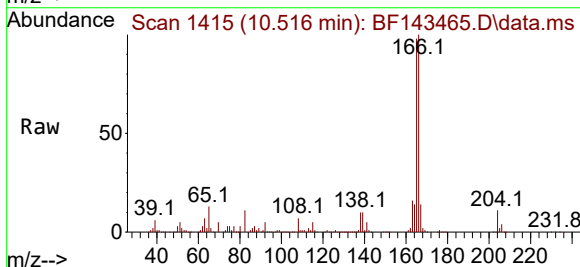
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

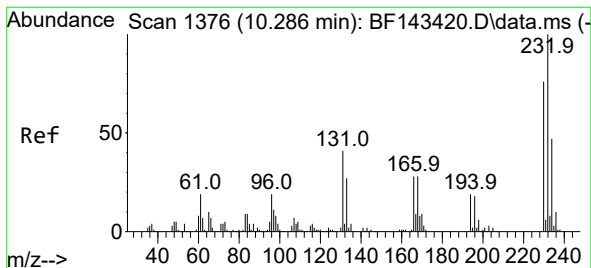
Tgt Ion:165 Resp: 223624
Ion Ratio Lower Upper
165 100
63 46.0 37.0 55.6
89 67.7 55.4 83.0
182 2.9 2.3 3.5



#58
Fluorene
Concen: 38.624 ng
RT: 10.516 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF143465.D
Acq: 19 Aug 2025 19:53

Tgt Ion:166 Resp: 718356
Ion Ratio Lower Upper
166 100
165 98.0 79.0 118.6
167 13.5 10.9 16.3

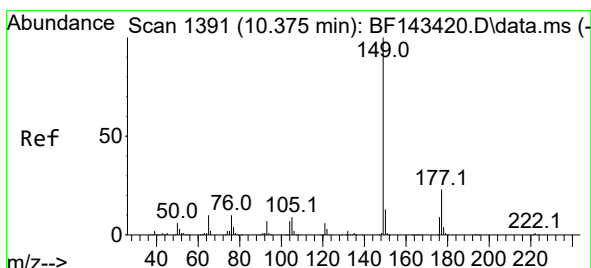
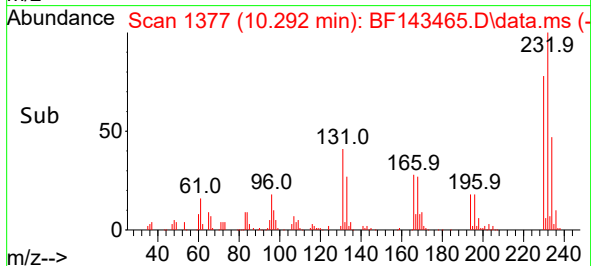
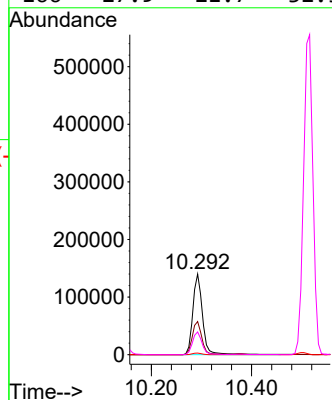
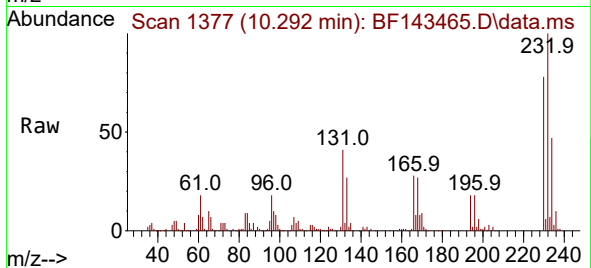




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.605 ng
RT: 10.292 min Scan# 1377
Delta R.T. 0.006 min
Lab File: BF143465.D
Acq: 19 Aug 2025 19:53

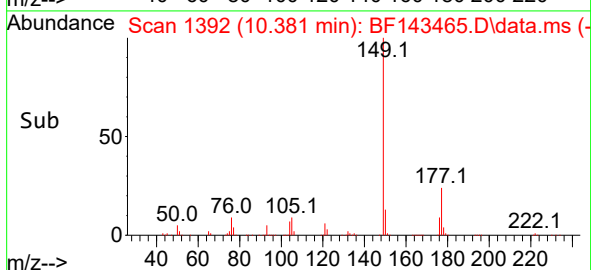
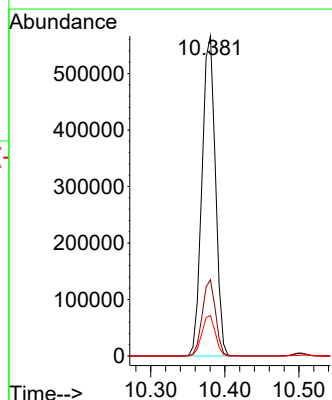
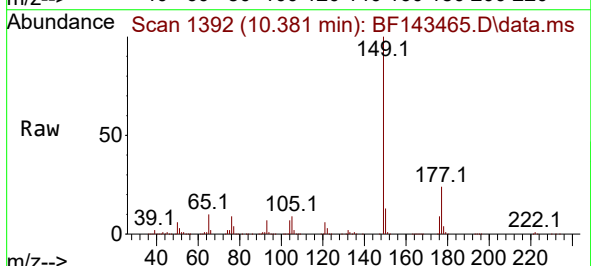
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

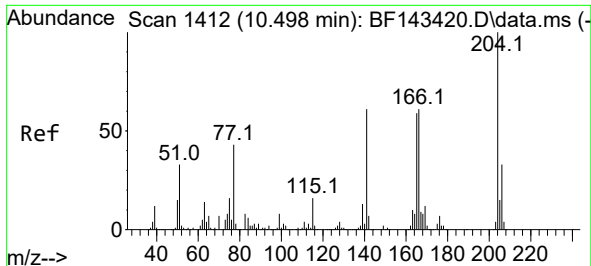
Tgt Ion:232 Resp: 187402
Ion Ratio Lower Upper
232 100
131 40.8 32.0 48.0
130 2.0 1.7 2.5
166 27.9 21.7 32.5



#60
Diethylphthalate
Concen: 39.720 ng
RT: 10.381 min Scan# 1392
Delta R.T. 0.006 min
Lab File: BF143465.D
Acq: 19 Aug 2025 19:53

Tgt Ion:149 Resp: 713068
Ion Ratio Lower Upper
149 100
177 23.8 18.2 27.4
150 12.6 10.1 15.1

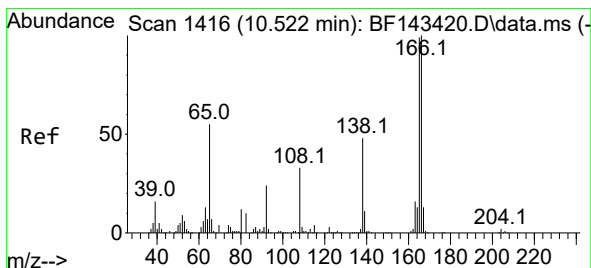
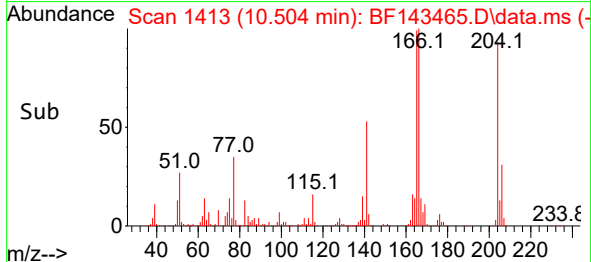
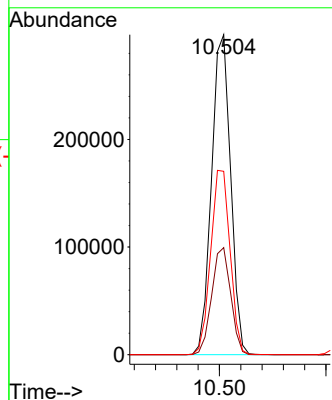
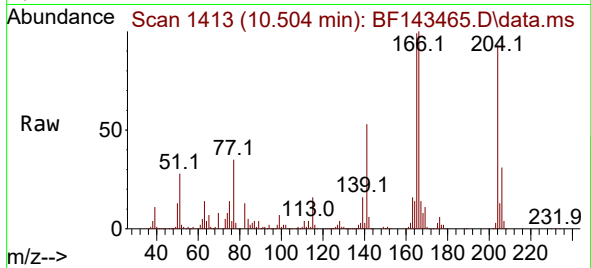




#61
4-Chlorophenyl-phenylether
Concen: 40.274 ng
RT: 10.504 min Scan# 1412
Delta R.T. 0.006 min
Lab File: BF143465.D
Acq: 19 Aug 2025 19:53

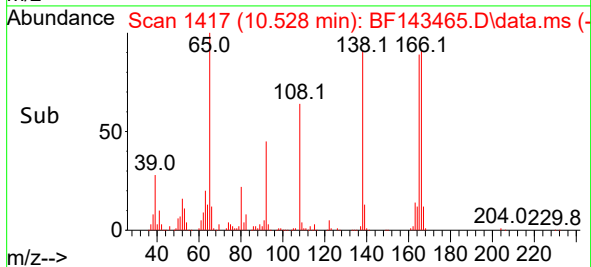
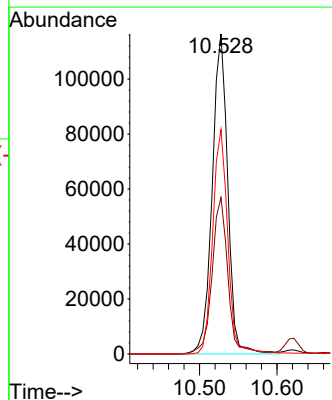
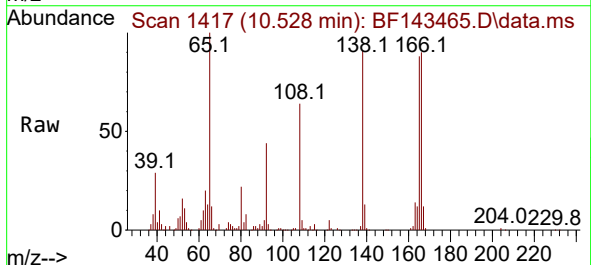
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

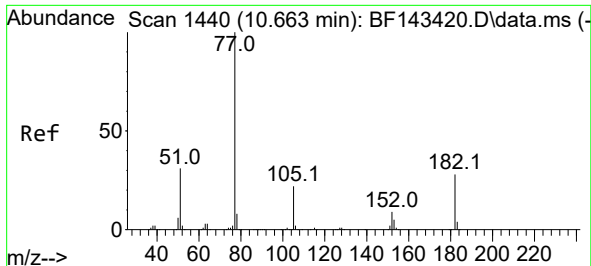
Tgt Ion:204 Resp: 370327
Ion Ratio Lower Upper
204 100
206 33.4 26.5 39.7
141 57.3 49.0 73.4



#62
4-Nitroaniline
Concen: 40.677 ng
RT: 10.528 min Scan# 1417
Delta R.T. 0.006 min
Lab File: BF143465.D
Acq: 19 Aug 2025 19:53

Tgt Ion:138 Resp: 162281
Ion Ratio Lower Upper
138 100
92 48.9 29.4 69.4
108 70.2 48.6 88.6

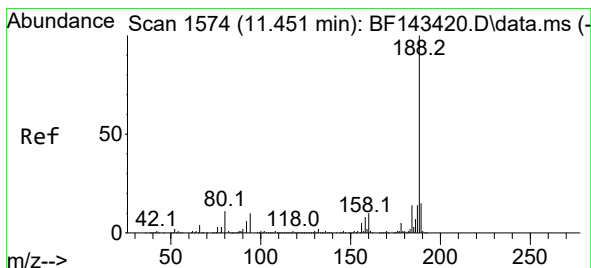
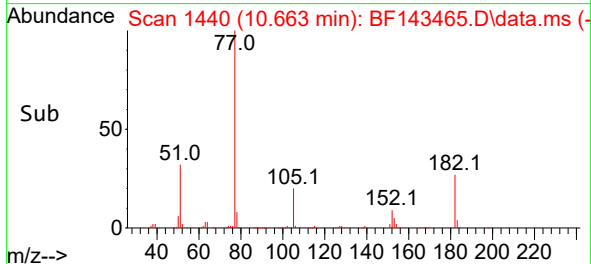
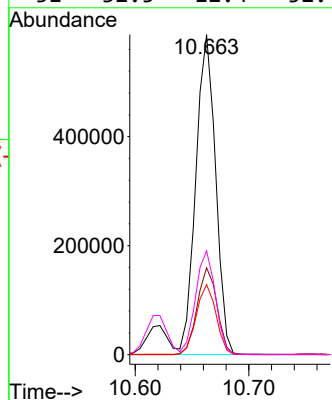
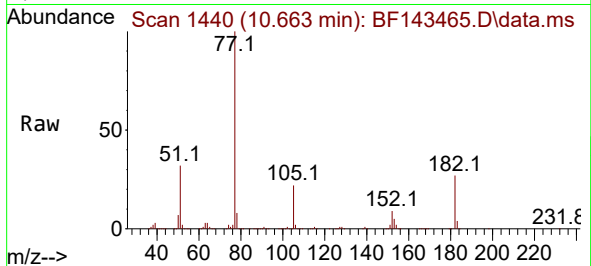




#63
Azobenzene
Concen: 38.977 ng
RT: 10.663 min Scan# 1440
Delta R.T. -0.000 min
Lab File: BF143465.D
Acq: 19 Aug 2025 19:53

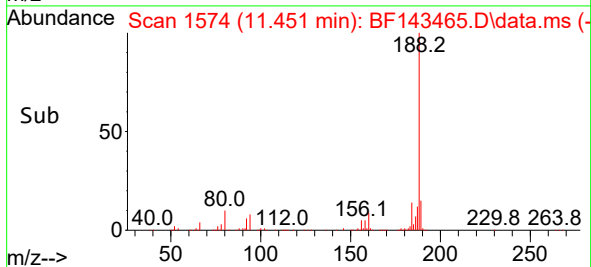
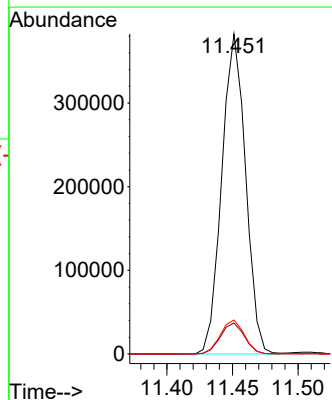
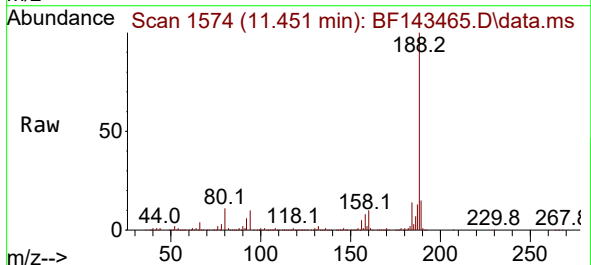
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

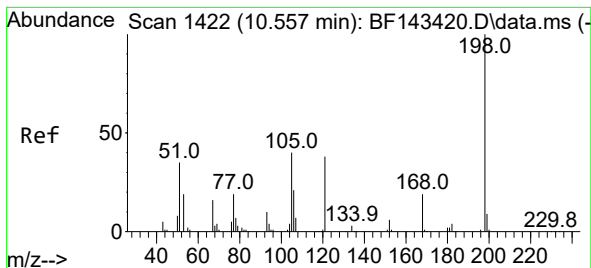
Tgt Ion:	77	Resp:	707214
Ion	Ratio	Lower	Upper
77	100		
182	27.2	7.4	47.4
105	21.9	1.7	41.7
51	32.5	12.4	52.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BF143465.D
Acq: 19 Aug 2025 19:53

Tgt Ion:	188	Resp:	482835
Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.0	12.0
80	10.6	8.6	12.8

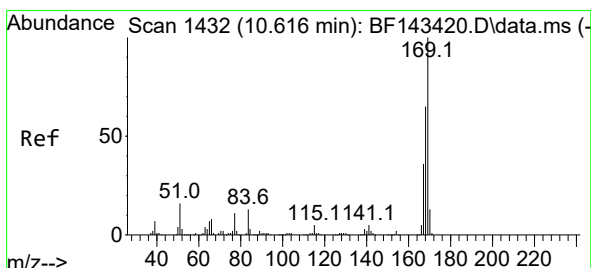
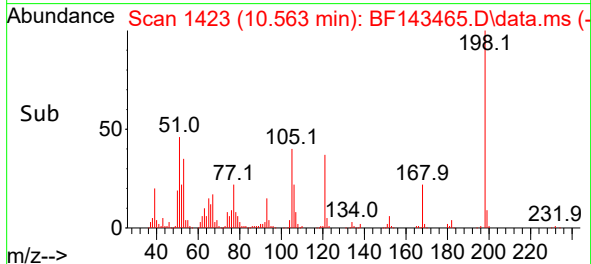
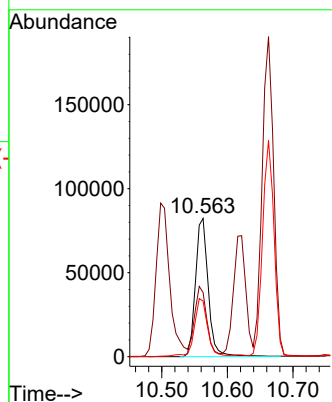
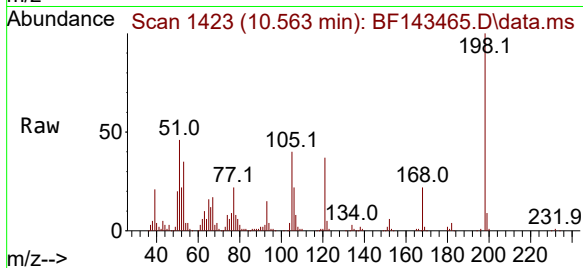




#65
4,6-Dinitro-2-methylphenol
Concen: 45.026 ng
RT: 10.563 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF143465.D
Acq: 19 Aug 2025 19:53

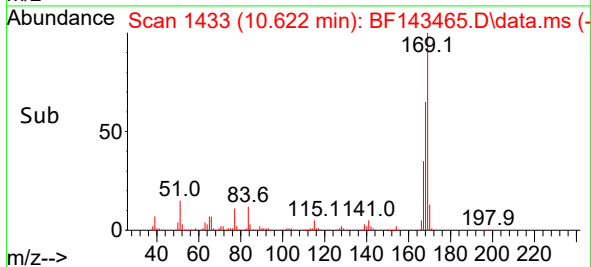
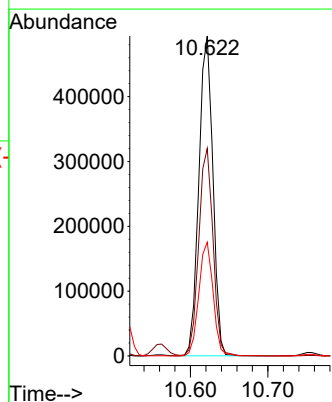
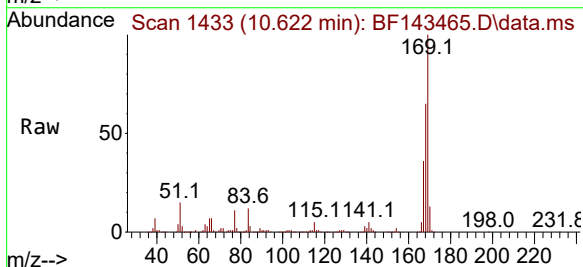
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

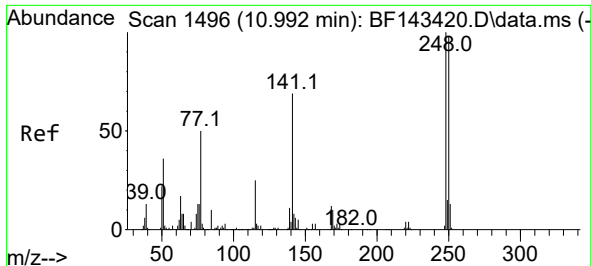
Tgt Ion:198 Resp: 112171
Ion Ratio Lower Upper
198 100
51 46.5 31.2 71.2
105 40.3 21.7 61.7



#66
n-Nitrosodiphenylamine
Concen: 39.486 ng
RT: 10.622 min Scan# 1433
Delta R.T. 0.006 min
Lab File: BF143465.D
Acq: 19 Aug 2025 19:53

Tgt Ion:169 Resp: 619911
Ion Ratio Lower Upper
169 100
168 64.9 52.5 78.7
167 35.5 28.6 42.8

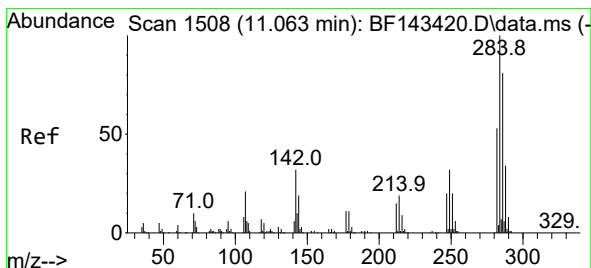
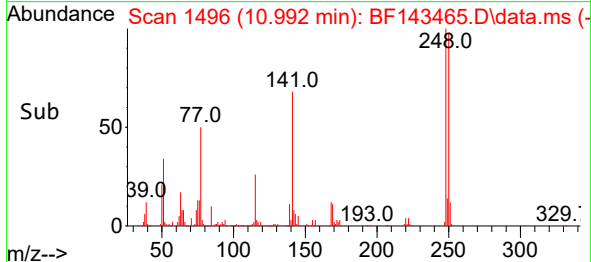
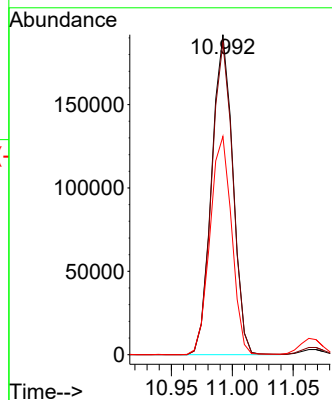
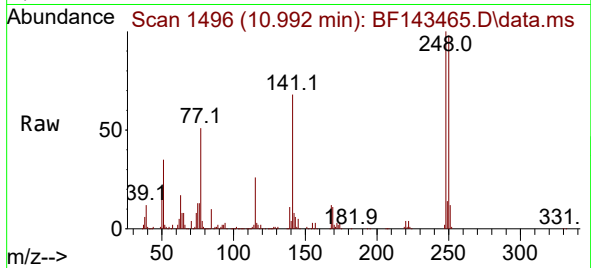




#67
4-Bromophenyl-phenylether
Concen: 40.757 ng
RT: 10.992 min Scan# 1496
Delta R.T. -0.000 min
Lab File: BF143465.D
Acq: 19 Aug 2025 19:53

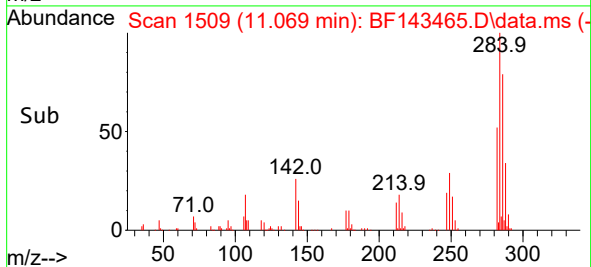
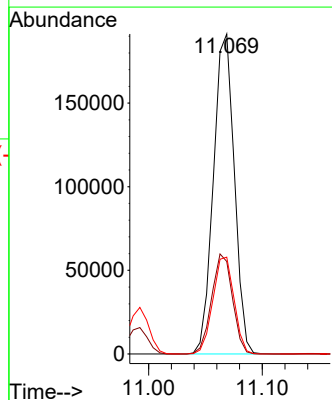
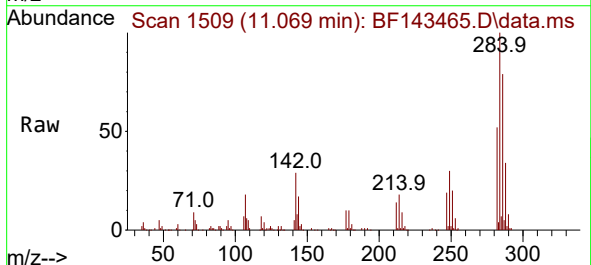
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

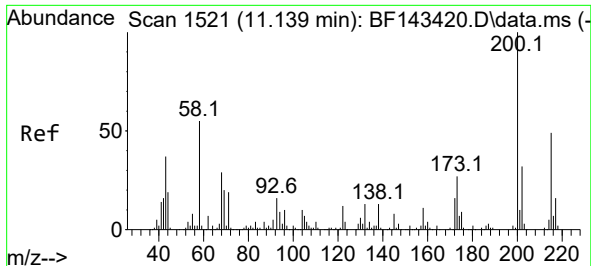
Tgt Ion:248 Resp: 232380
Ion Ratio Lower Upper
248 100
250 97.5 78.6 118.0
141 68.2 54.9 82.3



#68
Hexachlorobenzene
Concen: 40.366 ng
RT: 11.069 min Scan# 1509
Delta R.T. 0.006 min
Lab File: BF143465.D
Acq: 19 Aug 2025 19:53

Tgt Ion:284 Resp: 244677
Ion Ratio Lower Upper
284 100
142 28.9 25.4 38.2
249 30.3 25.4 38.0

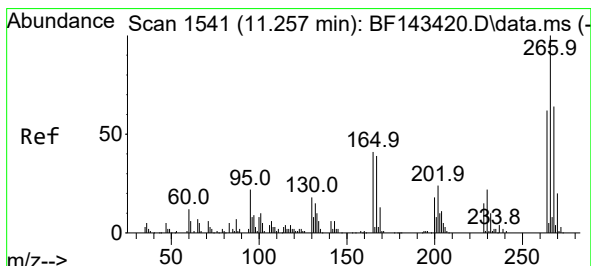
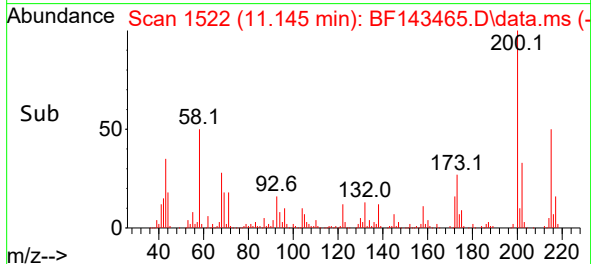
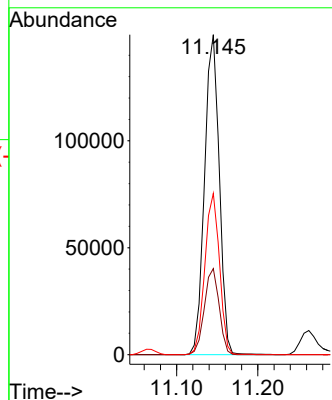
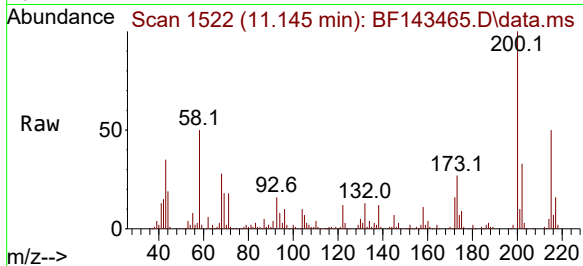




#69
Atrazine
Concen: 41.093 ng
RT: 11.145 min Scan# 1522
Delta R.T. 0.006 min
Lab File: BF143465.D
Acq: 19 Aug 2025 19:53

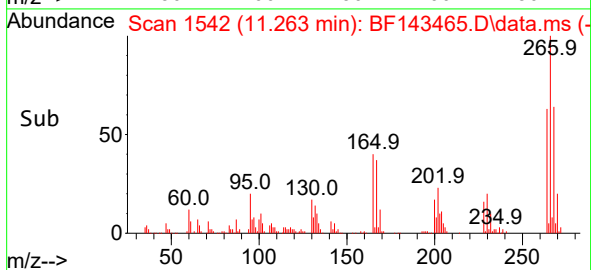
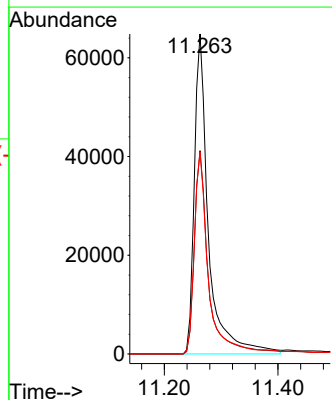
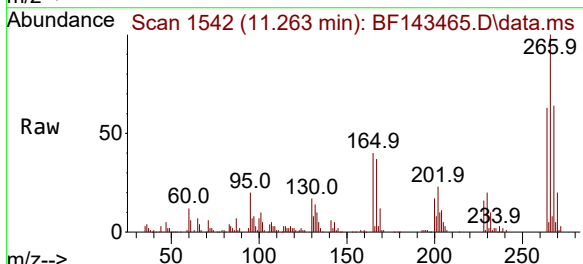
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

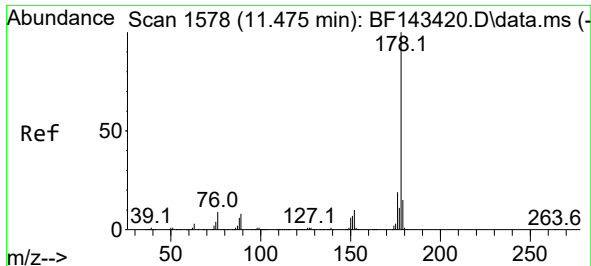
Tgt Ion:200 Resp: 188697
Ion Ratio Lower Upper
200 100
173 26.9 6.6 46.6
215 50.4 29.5 69.5



#70
Pentachlorophenol
Concen: 42.261 ng
RT: 11.263 min Scan# 1542
Delta R.T. 0.006 min
Lab File: BF143465.D
Acq: 19 Aug 2025 19:53

Tgt Ion:266 Resp: 112651
Ion Ratio Lower Upper
266 100
268 63.6 51.0 76.6
264 63.2 49.3 73.9

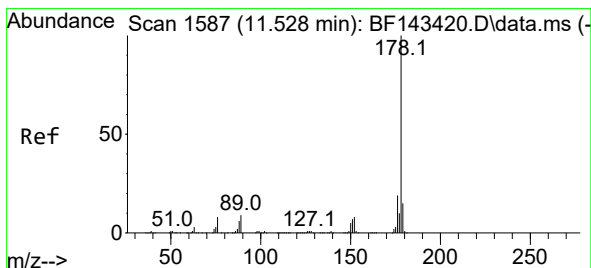
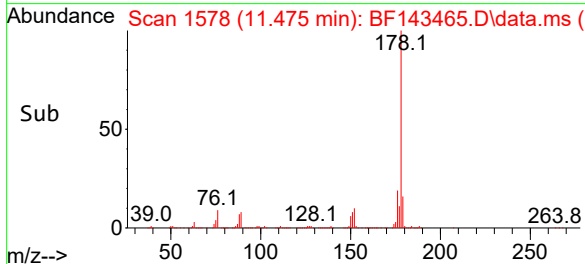
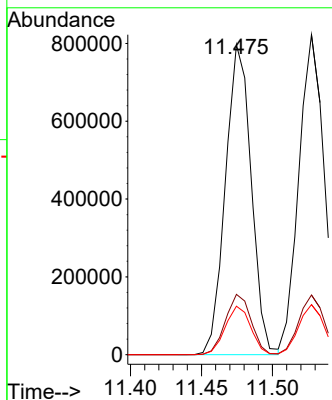
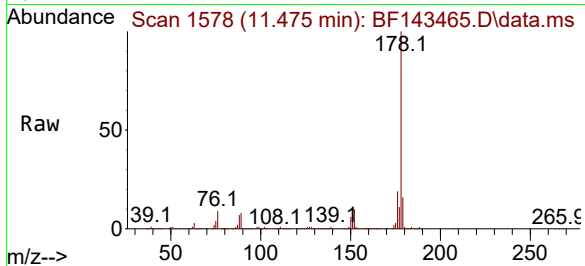




#71
Phenanthrene
Concen: 38.555 ng
RT: 11.475 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BF143465.D
Acq: 19 Aug 2025 19:53

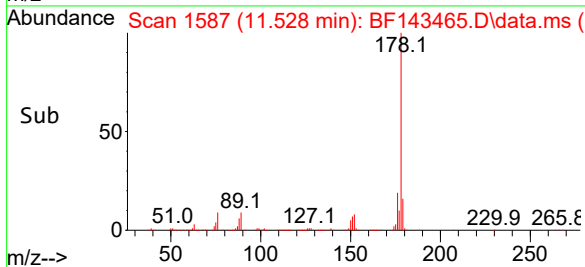
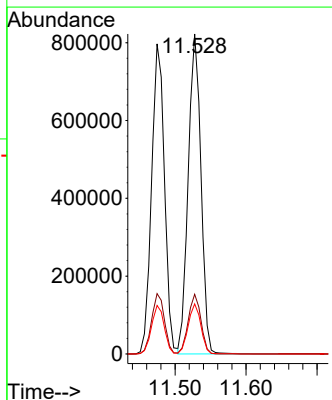
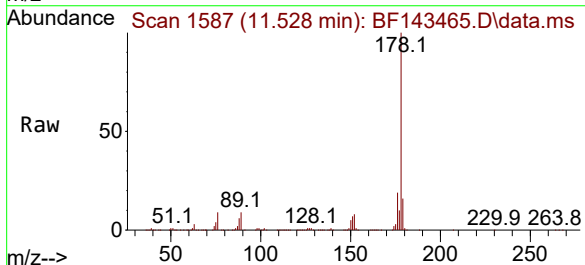
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

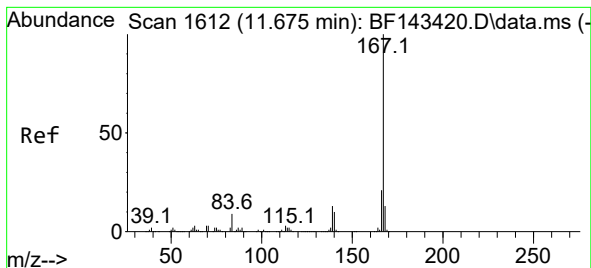
Tgt Ion:178 Resp: 1008081
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.0
179 15.6 12.3 18.5



#72
Anthracene
Concen: 38.673 ng
RT: 11.528 min Scan# 1587
Delta R.T. -0.000 min
Lab File: BF143465.D
Acq: 19 Aug 2025 19:53

Tgt Ion:178 Resp: 1021293
Ion Ratio Lower Upper
178 100
176 18.7 14.8 22.2
179 15.6 12.2 18.4





#73

Carbazole

Concen: 37.630 ng

RT: 11.680 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF143465.D

Acq: 19 Aug 2025 19:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

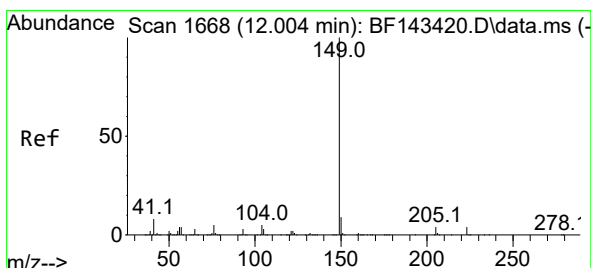
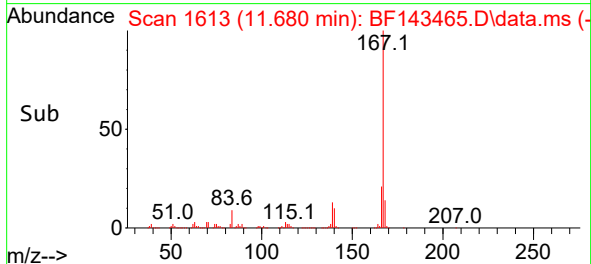
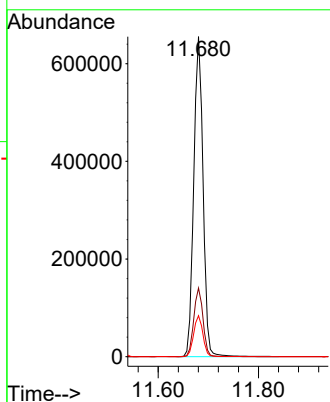
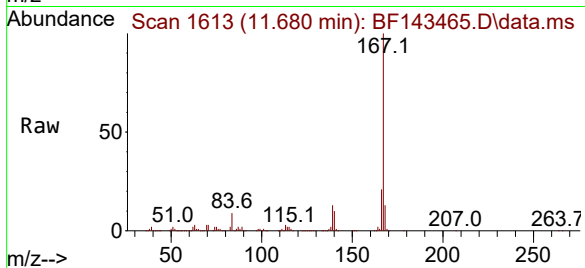
Tgt Ion:167 Resp: 840465

Ion Ratio Lower Upper

167 100

166 21.4 17.2 25.8

139 12.8 10.1 15.1



#74

Di-n-butylphthalate

Concen: 41.221 ng

RT: 12.004 min Scan# 1668

Delta R.T. -0.000 min

Lab File: BF143465.D

Acq: 19 Aug 2025 19:53

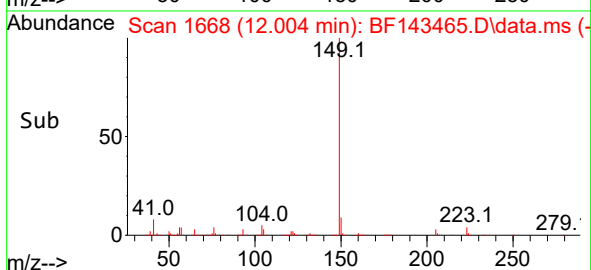
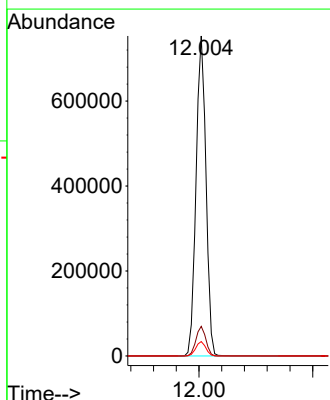
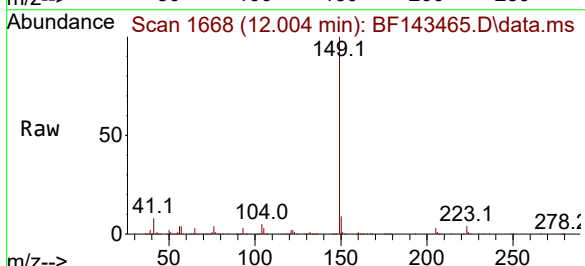
Tgt Ion:149 Resp: 916825

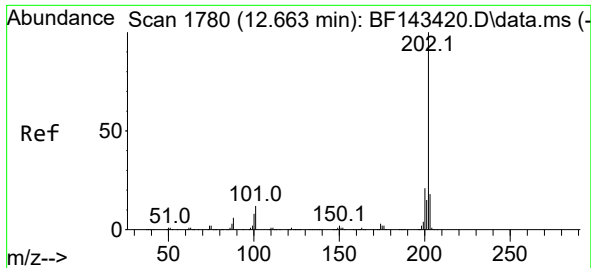
Ion Ratio Lower Upper

149 100

150 9.2 7.3 10.9

104 4.5 3.8 5.6

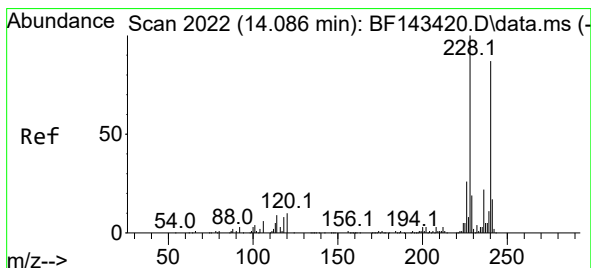
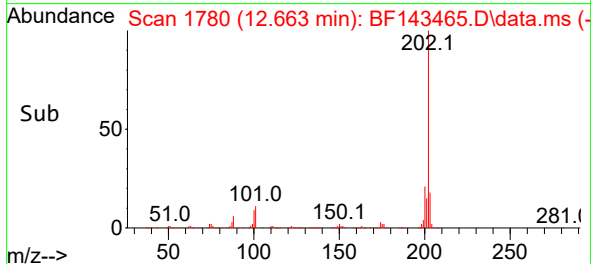
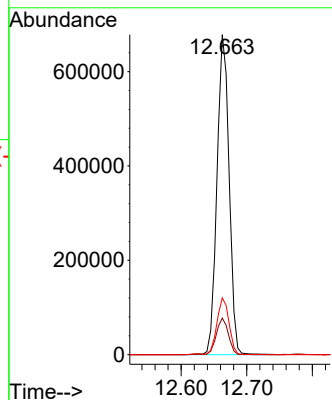
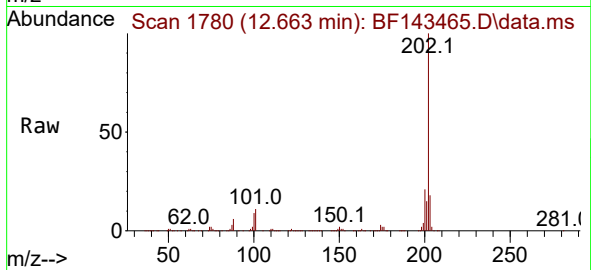




#75
Fluoranthene
Concen: 37.354 ng
RT: 12.663 min Scan# 1780
Delta R.T. -0.000 min
Lab File: BF143465.D
Acq: 19 Aug 2025 19:53

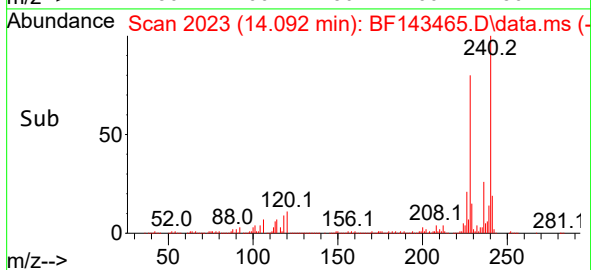
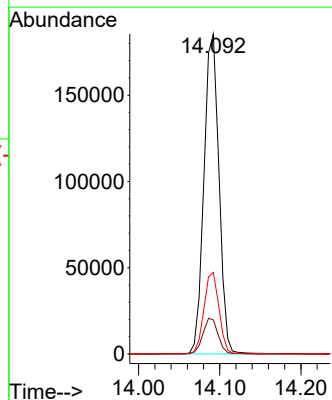
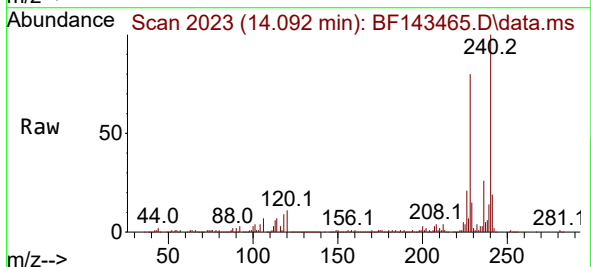
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

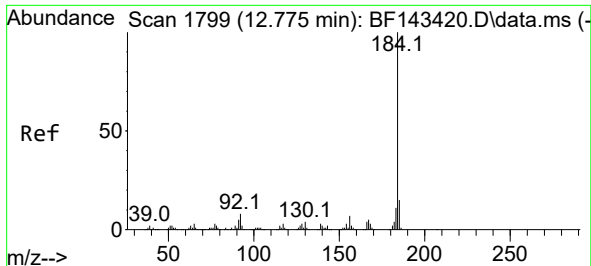
Tgt Ion:202 Resp: 867824
Ion Ratio Lower Upper
202 100
101 11.5 0.0 31.5
203 17.8 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2023
Delta R.T. 0.006 min
Lab File: BF143465.D
Acq: 19 Aug 2025 19:53

Tgt Ion:240 Resp: 238533
Ion Ratio Lower Upper
240 100
120 10.7 9.0 13.4
236 25.5 20.2 30.2

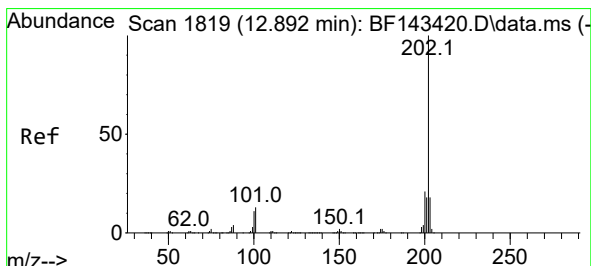
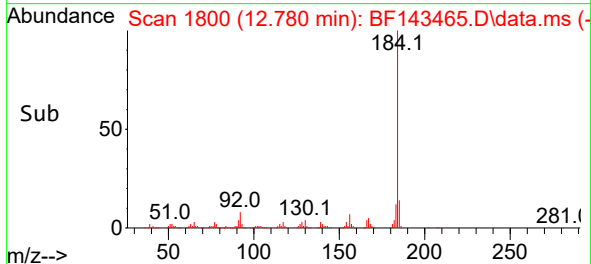
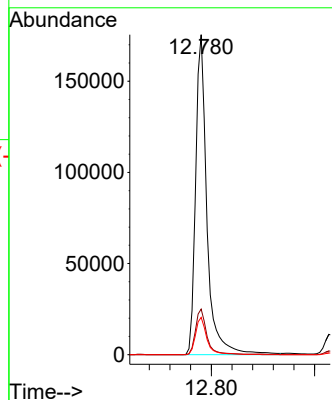
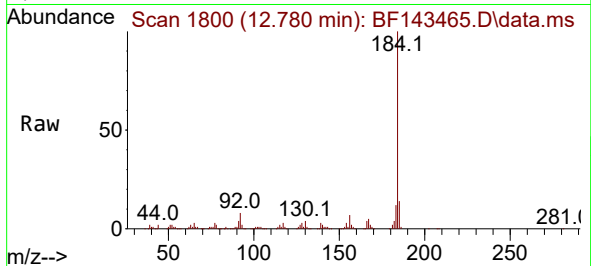




#77
Benzidine
Concen: 37.538 ng
RT: 12.780 min Scan# 1800
Delta R.T. 0.005 min
Lab File: BF143465.D
Acq: 19 Aug 2025 19:53

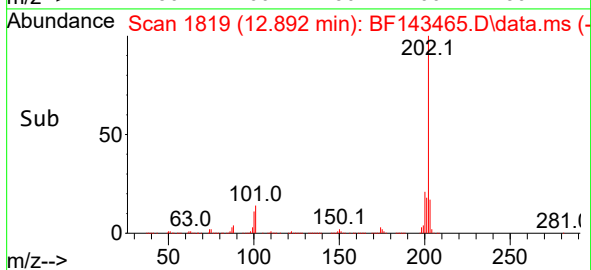
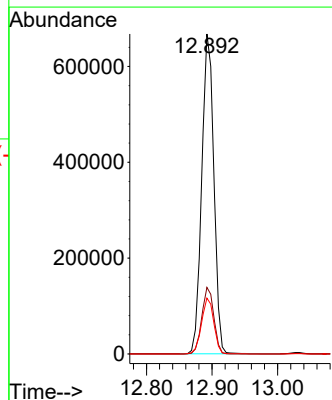
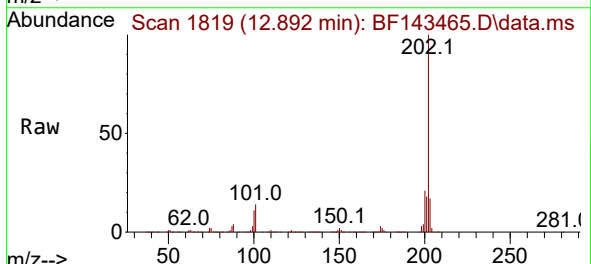
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

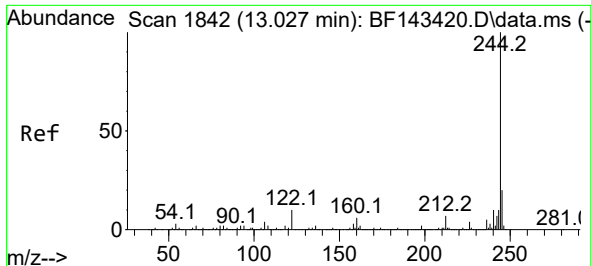
Tgt Ion:184 Resp: 267385
Ion Ratio Lower Upper
184 100
185 14.3 12.2 18.2
183 11.6 9.2 13.8



#78
Pyrene
Concen: 41.470 ng
RT: 12.892 min Scan# 1819
Delta R.T. -0.000 min
Lab File: BF143465.D
Acq: 19 Aug 2025 19:53

Tgt Ion:202 Resp: 859778
Ion Ratio Lower Upper
202 100
200 20.8 17.1 25.7
203 17.5 14.2 21.2

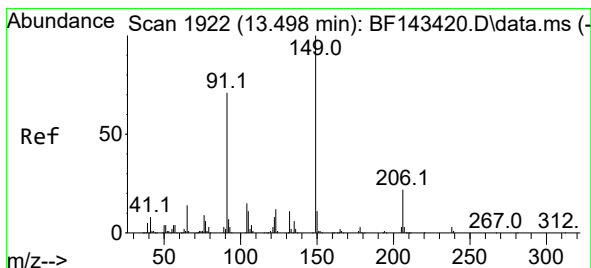
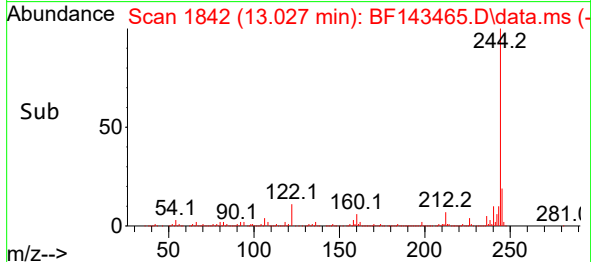
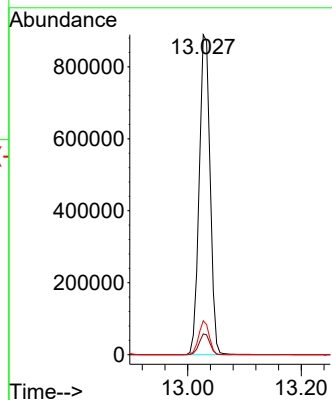
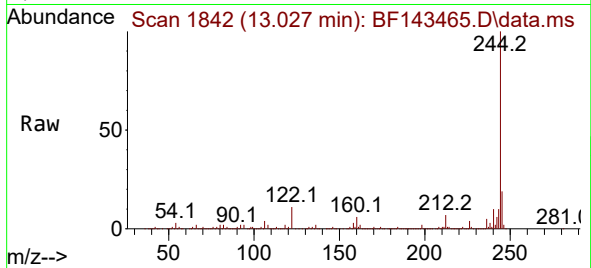




#79
 Terphenyl-d14
 Concen: 83.752 ng
 RT: 13.027 min Scan# 1842
 Delta R.T. -0.000 min
 Lab File: BF143465.D
 Acq: 19 Aug 2025 19:53

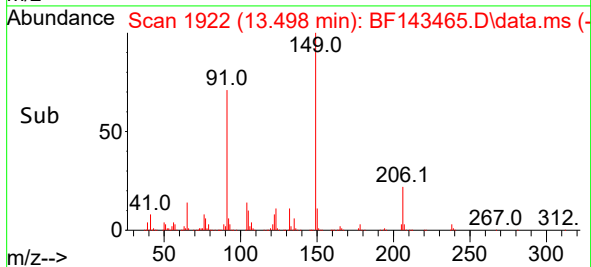
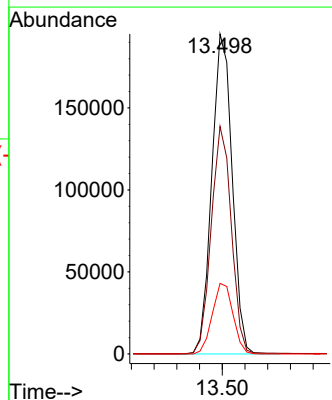
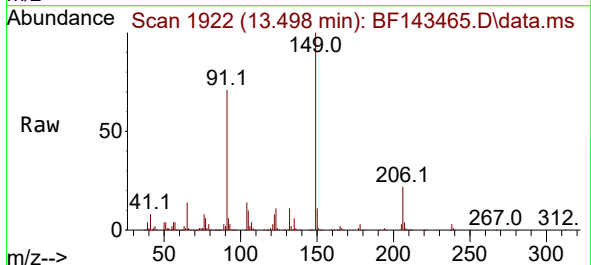
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

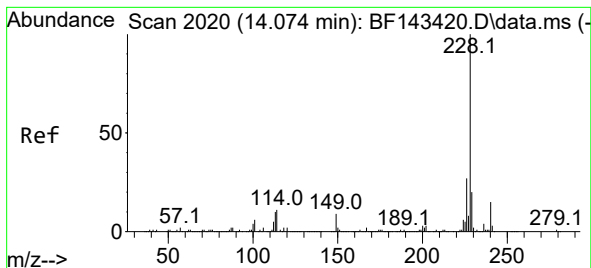
Tgt Ion:244 Resp: 1189246
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.2 7.8
 122 10.6 8.3 12.5



#80
 Butylbenzylphthalate
 Concen: 47.322 ng
 RT: 13.498 min Scan# 1922
 Delta R.T. -0.000 min
 Lab File: BF143465.D
 Acq: 19 Aug 2025 19:53

Tgt Ion:149 Resp: 243008
 Ion Ratio Lower Upper
 149 100
 91 71.1 57.0 85.4
 206 22.1 17.6 26.4





#81

Benzo(a)anthracene

Concen: 40.142 ng

RT: 14.080 min Scan# 2021

Delta R.T. 0.006 min

Lab File: BF143465.D

Acq: 19 Aug 2025 19:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

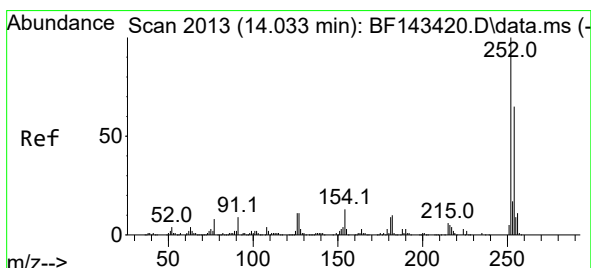
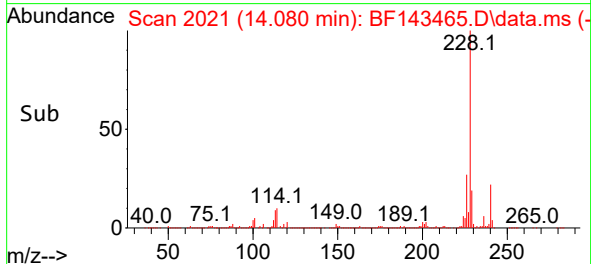
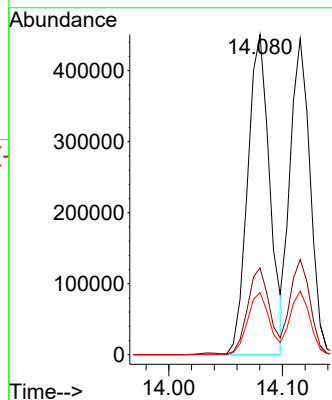
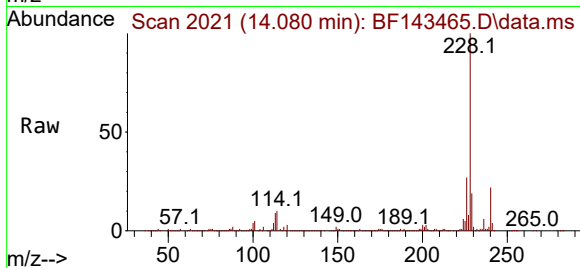
Tgt Ion:228 Resp: 609614

Ion Ratio Lower Upper

228 100

226 27.2 21.5 32.3

229 19.4 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 43.815 ng

RT: 14.033 min Scan# 2013

Delta R.T. -0.000 min

Lab File: BF143465.D

Acq: 19 Aug 2025 19:53

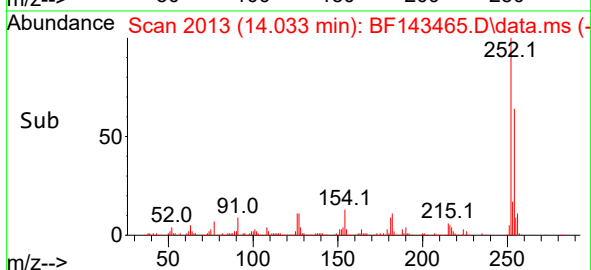
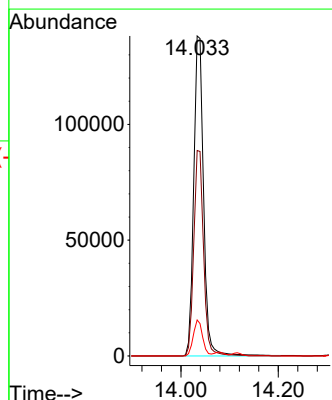
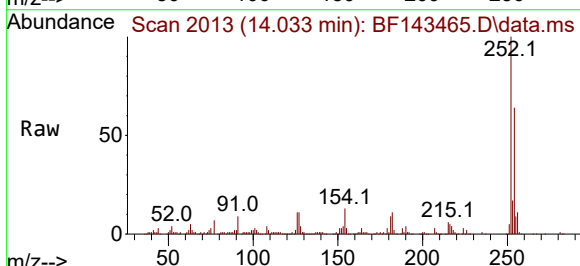
Tgt Ion:252 Resp: 194819

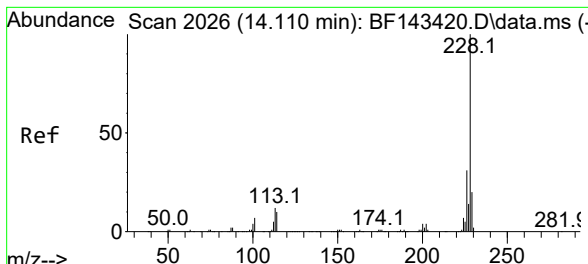
Ion Ratio Lower Upper

252 100

254 64.2 51.6 77.4

126 11.3 8.8 13.2



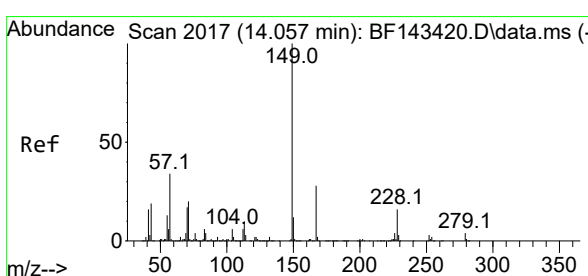
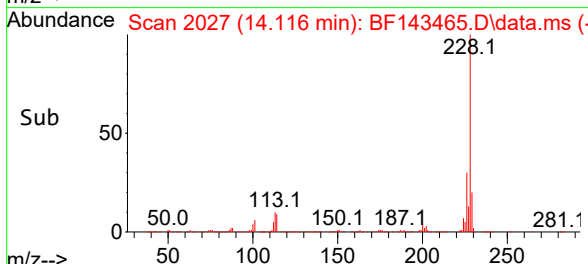
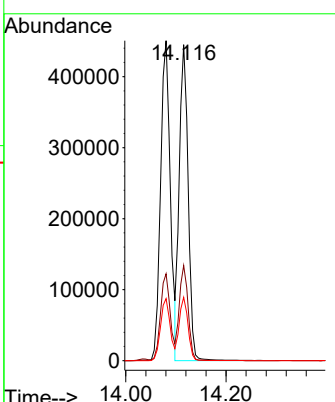
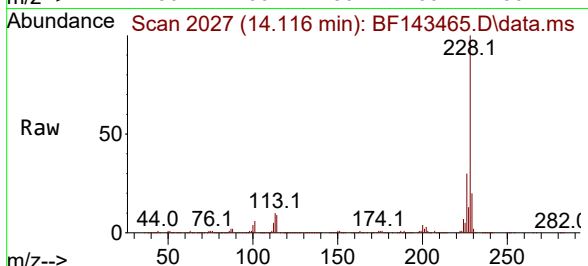


#83
 Chrysene
 Concen: 39.031 ng
 RT: 14.116 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: BF143465.D
 Acq: 19 Aug 2025 19:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:228 Resp: 547981

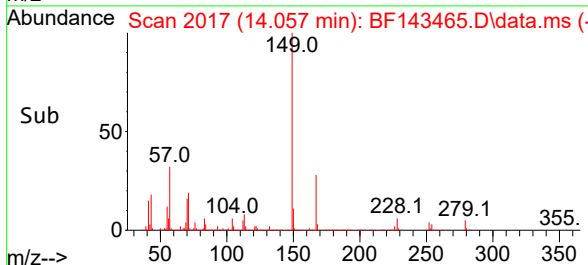
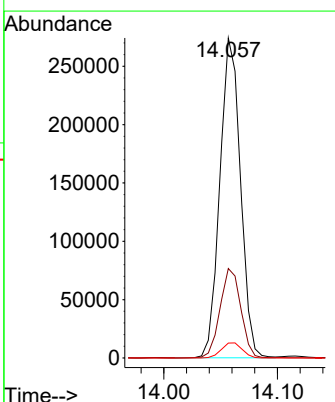
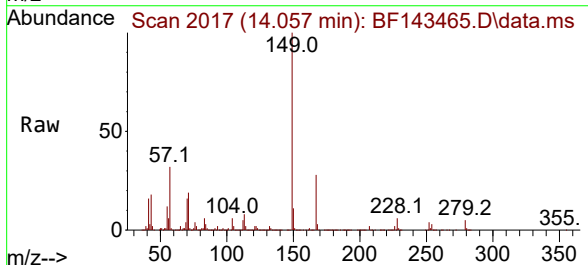
Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.3	36.5
229	20.1	16.1	24.1

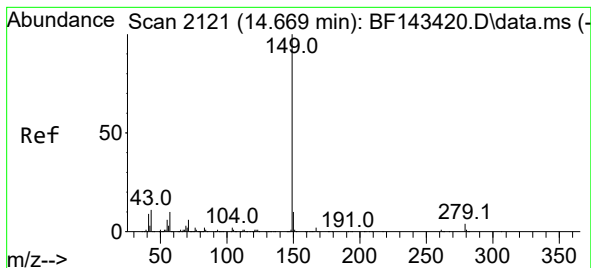


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 47.337 ng
 RT: 14.057 min Scan# 2017
 Delta R.T. -0.000 min
 Lab File: BF143465.D
 Acq: 19 Aug 2025 19:53

Tgt Ion:149 Resp: 345222

Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.6	33.8
279	4.7	3.5	5.3





#85

Di-n-octyl phthalate

Concen: 46.393 ng

RT: 14.668 min Scan# 2121

Delta R.T. -0.000 min

Lab File: BF143465.D

Acq: 19 Aug 2025 19:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

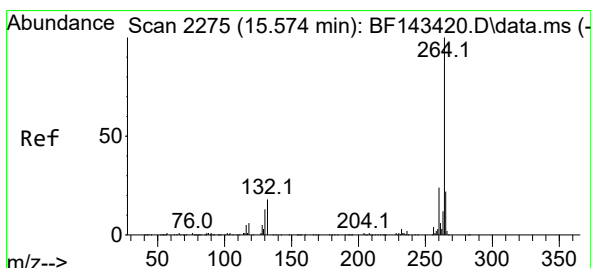
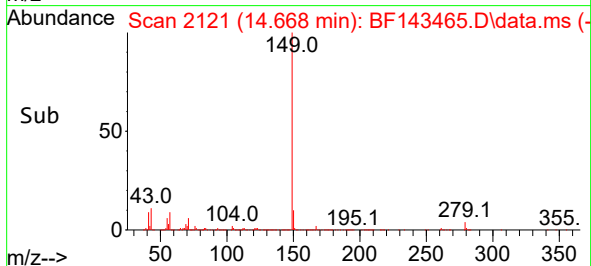
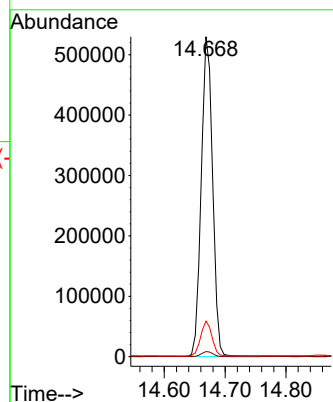
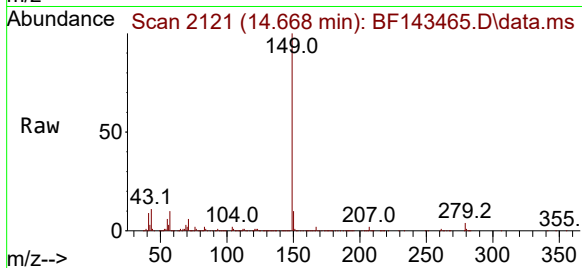
Tgt Ion:149 Resp: 686228

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 10.7 9.0 13.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.580 min Scan# 2276

Delta R.T. 0.006 min

Lab File: BF143465.D

Acq: 19 Aug 2025 19:53

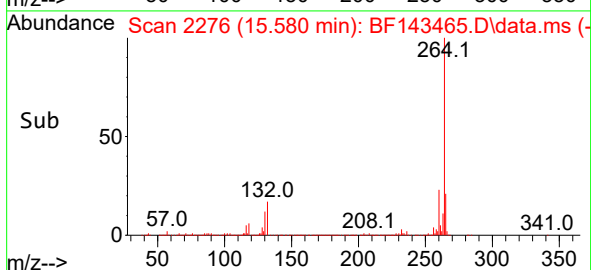
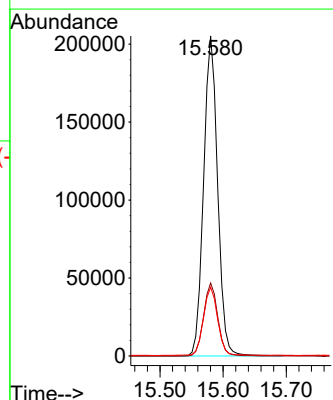
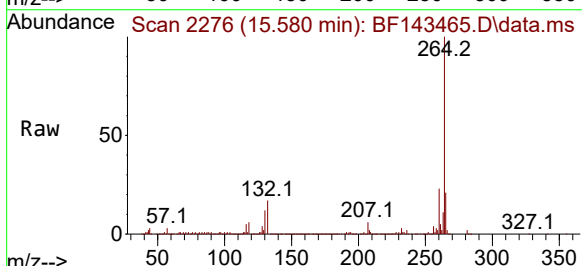
Tgt Ion:264 Resp: 315648

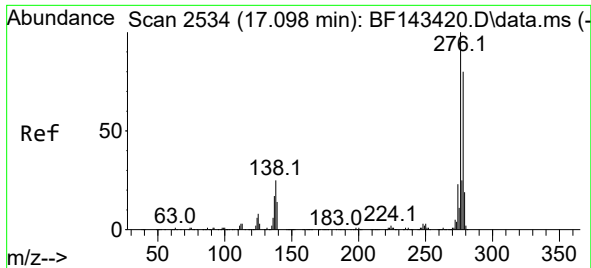
Ion Ratio Lower Upper

264 100

260 22.8 18.8 28.2

265 21.4 17.4 26.0

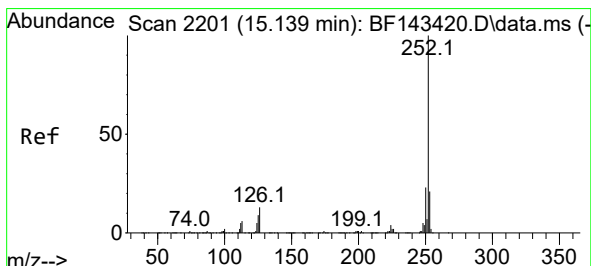
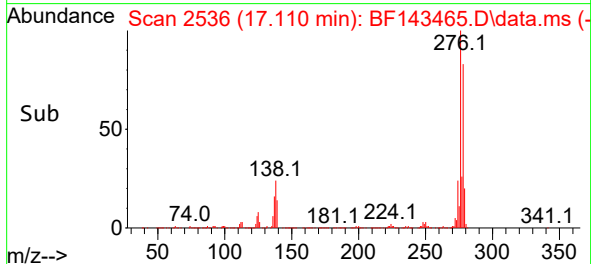
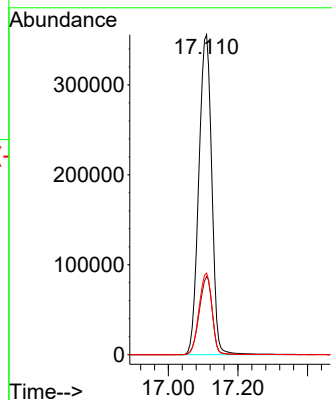
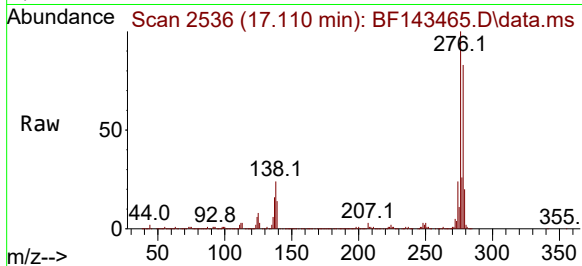




#87
Indeno(1,2,3-cd)pyrene
Concen: 38.805 ng
RT: 17.110 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF143465.D
Acq: 19 Aug 2025 19:53

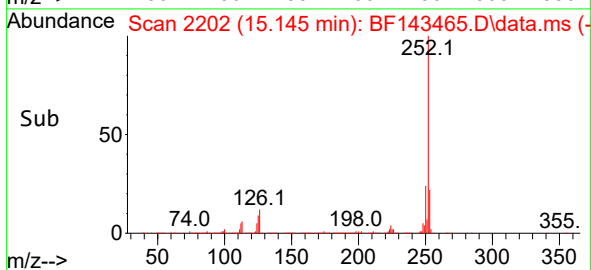
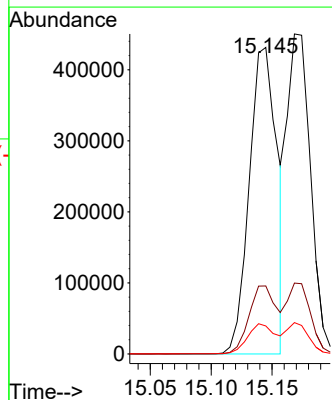
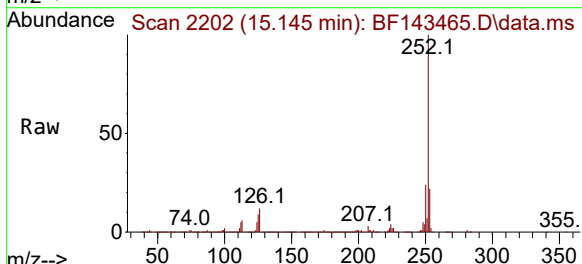
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

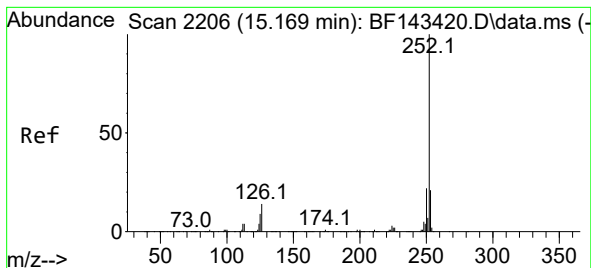
Tgt Ion:276 Resp: 918539
Ion Ratio Lower Upper
276 100
138 24.4 20.2 30.4
277 25.5 20.2 30.2



#88
Benzo(b)fluoranthene
Concen: 40.454 ng
RT: 15.145 min Scan# 2202
Delta R.T. 0.006 min
Lab File: BF143465.D
Acq: 19 Aug 2025 19:53

Tgt Ion:252 Resp: 684374
Ion Ratio Lower Upper
252 100
253 22.2 17.1 25.7
125 9.2 7.5 11.3





#89

Benzo(k)fluoranthene

Concen: 36.745 ng

RT: 15.168 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF143465.D

Acq: 19 Aug 2025 19:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

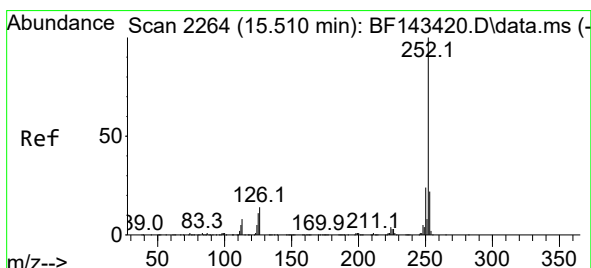
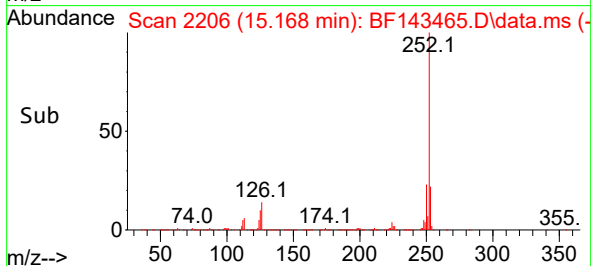
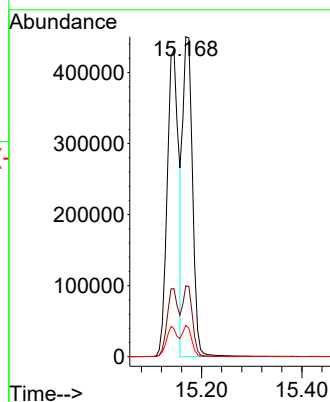
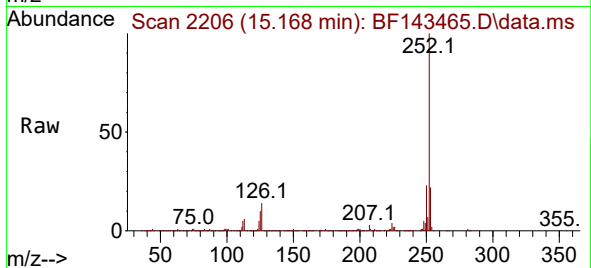
Tgt Ion:252 Resp: 613134

Ion Ratio Lower Upper

252 100

253 22.2 17.2 25.8

125 9.8 7.4 11.2



#90

Benzo(a)pyrene

Concen: 39.599 ng

RT: 15.515 min Scan# 2265

Delta R.T. 0.006 min

Lab File: BF143465.D

Acq: 19 Aug 2025 19:53

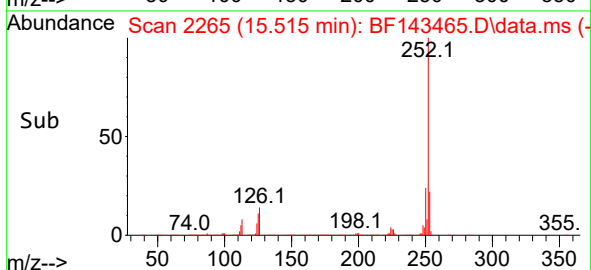
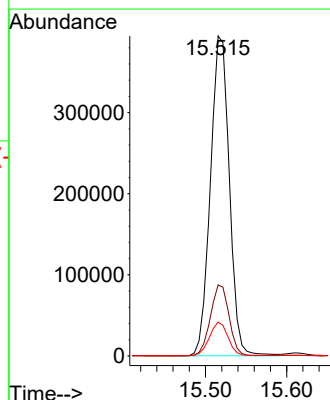
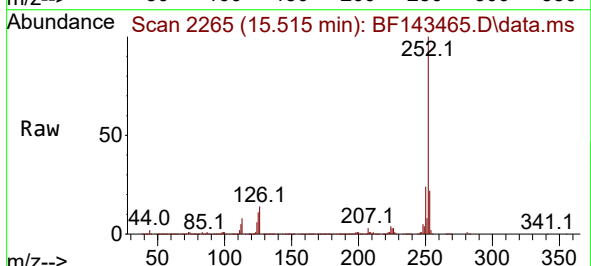
Tgt Ion:252 Resp: 638063

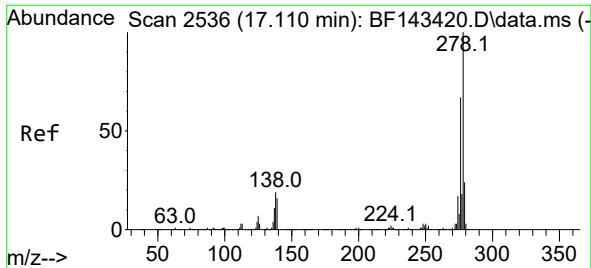
Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.2

125 10.6 8.6 12.8

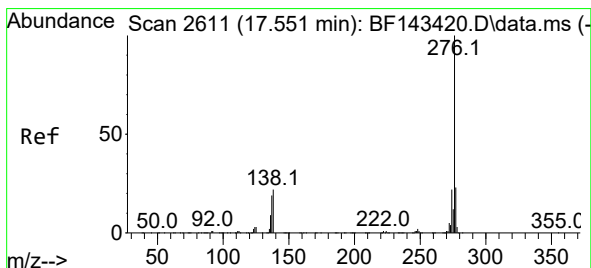
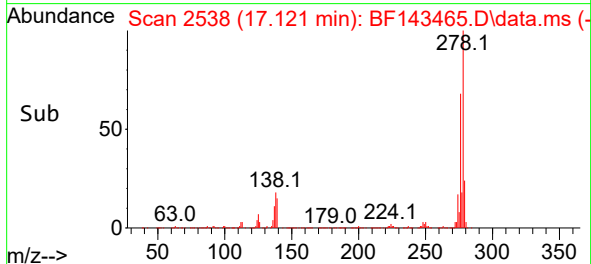
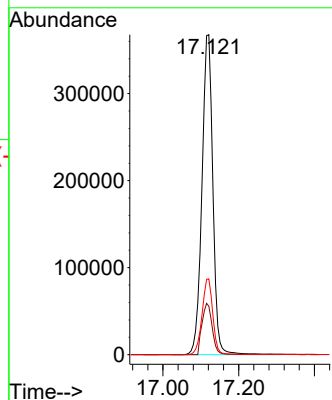
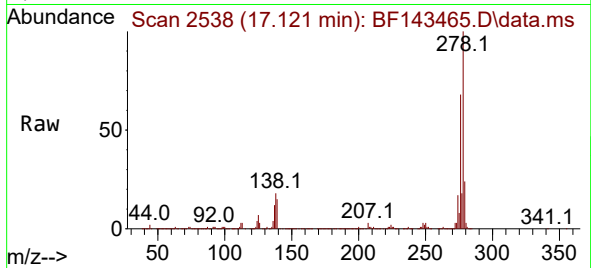




#91
Dibenzo(a,h)anthracene
Concen: 38.739 ng
RT: 17.121 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF143465.D
Acq: 19 Aug 2025 19:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:278 Resp: 736384
Ion Ratio Lower Upper
278 100
139 15.1 12.9 19.3
279 23.7 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 38.755 ng
RT: 17.568 min Scan# 2614
Delta R.T. 0.018 min
Lab File: BF143465.D
Acq: 19 Aug 2025 19:53

Tgt Ion:276 Resp: 735937
Ion Ratio Lower Upper
276 100
277 24.0 18.7 28.1
138 20.9 17.5 26.3

